

Federal Land Opening for Mineral Leasing, Mineral Entry, and Limited Sales and Leasing under FLPMA



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INTRODUCTION

Under the Direction of Secretary of the Interior James G. Watt, the Bureau of Land Management has embarked upon a program to open certain federal lands in Alaska to settlement under the provisions of FLPMA, mineral leasing, and mineral entry.

The most recent in the series of land openings makes certain lands within the Seward Study Area in Northwest Alaska available for noncompetitive oil and gas leasing, as well as coal, geothermal leasing, and minerals location. The areas open include the Sheklukshuk Subunit, the Squirrel River-Noatak Subunit, the Selawik-Nulato Hills Subunit, the Bendeleben Mountains Subunit, and the Imuruk Subunit. The official filing period for the program begins at 7:30 a.m. AST, November 9, 1983. Mineral leasing applications for oil and gas will be accepted in the Public Room of the Bureau of Land Management, Alaska State Office, on the first floor of the Anchorage Federal Building, between 7:30 a.m. and 3:45 p.m., Monday through Friday. Mineral leasing applications for minerals other than oil and gas will be accepted in the Public Room of the Fairbanks District Office of the Bureau of Land Management, on the first floor of the Fairbanks District Office between 7:45 a.m. and 4:30 p.m., Monday through Friday. Mineral entry location notices will be accepted in the Public Room of the Fairbanks District Office and the Alaska State Office.

Other federal lands throughout the state will be opened under the program through 1985.

This brochure briefly describes the areas open for mineral leasing and mineral entry within the Seward Study Area of Northwest Alaska, and gives information on filing for mineral leasing and entry. The information in this brochure is only a summary, and individuals interested in filing on any of the land described should contact the Bureau of Land Management for additional information.

FACTS ABOUT THE SHEKLUKSHUK, SQUIRREL RIVER-NOATAK, SELWIK-NULATO HILLS, BENDELEBEN MOUNTAINS, AND IMURUK SUBUNITS

These five areas comprise approximately 5,697,000 acres of surveyed and unsurveyed lands on the Seward Peninsula and in surrounding areas. The Sheklukshuk Subunit is located east of the Selawik Lowlands and south of the Koyuk River. The Squirrel River-Noatak Subunit is located north of Kotzebue Sound. The Selawik-Nulato Hills Subunit is located in the Nulato Hills, between the Yukon River and Norton Sound and the Seward Peninsula. The Bendeleben Mountains Subunit is located in the southern portion of the Seward Peninsula. The Imuruk Subunit is located on the western central portion of the Seward Peninsula.

The following information is generally applicable to the lands found in these areas.

Water Quality

The entire area is underlain by permafrost, which severely limits the availability of groundwater. Reliable sources of groundwater can sometimes be found in the unfrozen thaw bulbs along rivers and lakes. The shallow groundwater layer perched on top of the permafrost can easily be contaminated, and often contains high levels of

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organic matter. Surface waters provide greater yields but are subject to large seasonal fluctuations. Surface water quality is generally acceptable for domestic use, although tundra lake water is often found to have objectionable color and odor. During winter available supplies of both ground and surface water decrease significantly.

Vegetation

The area encompasses eight ecosystems -- alpine tundra, barren ground, moist tundra, wet tundra, low brush-muskeg, high brush, and lowland spruce-hardwood forest.

Topography and Soils

Topography varies within the area from rugged glaciated mountains to low rolling hills, and lowland areas with little topographic relief and high watertables. Soils are of various types. Unconsolidated deposits consisting of clay, silt, sand, and gravel occurs chiefly in low-lying areas and on gentle slopes. These are principally concentrated in the lower regions of the Noatak Lowland, Kobuk-Selawik Lowland, the northern coastal plain of the Seward Peninsula, and the major river valleys. Alluvial deposits are found at Noatak, Squirrel, Kobuk, Kugurak, Selawik, Kuzitrin, and Upper Buckland River valleys, the Fish River lowlands, and the slopes running north from the mountains of Western Seward Peninsula to its coastal plain. Glacial till, a mixture of unsorted gravel, sand, silt, and clay transported by glaciers, is usually deposited as moraines, and can be found on many mountain flanks and in most mountain valleys. Deposits of windblown sand and silt mantle a major portion of the low-lying areas.

Lifestyle

The lives of residents of these areas are influenced by the remoteness of the area, lack of developed access, and lack of major employment opportunities. Many residents rely on subsistence activities for the bulk of their food supply. Some full-time and seasonal jobs are available, and many residents work outside the area during the summer.

SHEKLUKSHUK SUBUNIT

Location

The Sheklukshuk unit, containing approximately 527,000 acres, is located approximately 150 miles east of Kotzebue and 18 miles south of the village of Kobuk. The eastern portion of the unit contains the Pah River Flats. The Pick River/ Rabbit River Surface Management Unit (SMU) comprises 296,221 acres within the Kobuk-Selawik Lowland. Nearby communities outside the unit are Ambler, Kobuk, and Shungnak on the Kobuk River; and Selawik on the Selawik River.

Access

There are no developed roads or airstrips in this unit. The most common methods of access in this area during summer are small planes and boats. During winter, small

planes and snowmobiles are used. Cargo may be barged up the Kobuk River from Kotzebue. Gravel airstrips are located at Ambler, Dahl Creek, Kobuk, Shungnak, and Selawik.

The Kobuk River is the major river in the area.

Lands adjoining this unit are administered by the U.S. Fish and Wildlife Service and the State of Alaska. Lands selected by NANA Regional Corporation, Inc., Doyon Ltd., and the State of Alaska, which are still administered by BLM, also adjoin the unit.

The Federal government does not guarantee individuals or groups overland access across private lands, unless the lands were transferred from the federal government, and the transfer documents specifically reserve access rights. Claimants should check with BLM for proper land status. Claimants may apply for rights-of-way on federal lands.

Services

No local government, school, post office or commercial facilities exist within the Pick River/Rabbit River or Pah River SMUs.

The Alaska Village Electrical Cooperative operates community electric systems in Ambler, Kiana, Noatak, Noorvik, Shungnak, and Selawik. Kobuk receives electric power from the Shungnak AVEC facility. The Kotzebue Electric Association provides community power in Kotzebue.

The nearest state troopers reside in Kotzebue and Nome. State constables are located in Selawik and Noorvik.

Wildfire protection is provided by the Bureau of Land Management's Alaska Fire Service.

Emergency medical facilities are located at Kotzebue and Nome.

Climate

Kobuk is representative of the average climate in the area. The following is general climatic data for Kobuk.

Temperature -- summer +42° F. to +69° F., winter -24° F. to +1° F., extremes -68° F. -- +90° F. Precipitation -- 17.3 inches, includes 56 inches snow.

Minerals

All lands within the Rabbit River/Pick River SMU are open to mineral leasing and mineral entry under the Mineral Leasing Law and the 1872 Mining Law as amended. All lands within the Pah River SMU are open to mineral leasing and mineral entry with the following stipulations. Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Pah River within T. 13N., R. 13W., Kateel River Meridian.

The mineral potential of this area is unknown. There are no recorded federal mining claims in the area.

SQUIRREL/NOATAK RIVER SUBUNIT

Location

The Squirrel/Noatak River Subunit contains approximately 770,000 acres in the Squirrel and Noatak River drainages north of Kotzebue Sound, and is located approximately 30 miles northeast of Kotzebue and 15 miles north northwest of the village of Kiana. The Squirrel River SMU contains 703,421 acres. The Noatak River SMU contains 66,546 acres. Nearby communities outside the unit are Noatak, Noorvik, Kivalina, Kiana, Ambler, and Kotzebue.

Access

There are no developed roads in this unit. The most common methods of access in this area during the summer are small planes and boats. During winter, small planes and snowmachines are used. Cargo may be barged up the Kobuk River from Kotzebue. Four primitive airstrips associated with minerals exploration or development have been developed in the Squirrel River Basin. Gravel airstrips are located at Ambler, Kiana, Noatak, and Noorvik. A paved, state-maintained airport is located at Kotzebue.

The major rivers in the area are the Squirrel River, a tributary of the Kobuk, and the Noatak.

Adjoining lands to the Squirrel River SMU unit consist of the Noatak National Park Preserve and Kobuk Valley National Park administered by the U.S. Park Service; Kiana and Kotzebue village corporation selections; and NANA Regional Corporation, Inc. selections presently under BLM interim management. The Noatak SMU is located approximately 15 miles north of Noatak, and is bounded by lands administered by the Park Service, State of Alaska, and BLM interim managed Native and State selections.

The Federal government does not guarantee individuals or groups overland access across private lands, unless the lands were transferred from the federal government, and the transfer documents specifically reserve access rights. Claimants should check with BLM for proper land status. Claimants may apply for rights-of-way on federal lands.

Services

No local government, school, post office, or commercial facilities exist within the Squirrel/Noatak SMUs.

The Alaska Village Electrical Cooperative operates community electric systems in Ambler, Kiana, Noatak, and Noorvik. The Kotzebue Electric Association provides community power in Kotzebue.

The nearest state troopers reside in Kotzebue and Nome. A state constable is located in Noorvik.

Kotzebue has a volunteer fire department. Wildfire protection in other areas is provided by the Bureau of Land Management's Alaska Fire Service.

Emergency medical facilities are located at Kotzebue and Nome.

Climate

Noatak is representative of the average climate in the area. The following is general climatic data for Noatak.

Temperature -- summer +35°F. to +65°F., winter -21°F. to +3°F., extremes -60°F. -- +75°F. Precipitation -- 11 inches, includes 48 inches snow.

Minerals

Certain lands within the Squirrel River SMU are open to mineral leasing and mineral entry under the Mineral Leasing Law and the 1872 Mining Law as amended, with the following exceptions: No new mineral location or leasing may occur within the river corridor of the Squirrel Wild and Scenic River study area. All lands within the Noatak River SMU are open to mineral leasing and mineral entry with the following stipulations. Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet west of the mean high water line of the right bank of the Noatak River.

The Squirrel River SMU is in an area of known gold production. The U.S. Bureau of Mines has also identified a broad band of copper mineralization along the northern edge of this area. The Noatak SMU is also an area with known mineral potential. It is located on the periphery of the Red Dog/Lik - lead, zinc, barite, silver deposit.

SELAWIK-NULATO HILLS SUBUNIT

Location

The Selawik-Nulato Hills Subunit contains approximately 2,903,000 acres in the Nulato Hills and Buckland Lowlands east of the Seward Peninsula and Norton Sound and west of the Yukon River. At the northern end are the Selawik Hills which are located approximately 24 miles northeast of the village of Buckland. The southern end of the unit is formed by the Fairbanks/Anchorage BLM District boundary, which is located 12 miles northeast of Unalakleet. The Buckland Basin SMU contains 1,275,808 acres. The Nulato Hills SMU contains 1,627,573 acres. Nearby communities that are outside the subunit are Selawik to the north; Kotzebue to the northwest; Buckland to the west on the northern portion of the Seward Peninsula; and Koyuk, Shaktoolik and Unalakleet on the eastern coast of Norton Sound.

Access

There is no developed road access to this area. The most common methods of access in this area during summer are small planes and boats. During winter, small planes and snowmachines are used. Cargo may be barged up the Buckland River from Kotzebue. Portions of the Nulato Hills SMU are accessible from the coast of Norton Sound. One airstrip exists on the Ungalik River, but it is located on patented mining claims. Gravel airstrips are located at Buckland, Deering, Selawik, Shaktoolik, Koyuk, and Unalakleet. A paved, state-maintained airport is located at Kotzebue.

Lands adjacent to this unit are administered by the U.S. Fish and Wildlife Service, BLM, and the Koyuk/Shaktoolik village corporations. There are also lands adjacent to this unit that have been selected by the State of Alaska, NANA Regional Corporation, Inc., and Bering Straits Regional Corporation, but are still administered by BLM.

The federal government does not guarantee individuals or groups overland access across private lands, unless the lands were transferred from the federal government, and the transfer documents specifically reserve access rights. Claimants should check with BLM for proper land status. Claimants may apply for rights-of-way on Federal lands.

Services

No local government, school, post office or commercial facilities exist within the Selawik-Nulato Hills Subunit.

The Alaska Village Electrical Cooperative operates community electric systems in Koyuk and Selawik. The Matanuska Electrical Cooperative operates a community electric system in Unalakleet. Private generators provide power in Buckland. The Kotzebue Electric Association provides community power in Kotzebue.

The nearest state troopers reside in Kotzebue and Nome. A state constable is located in Selawik.

Wildfire protection is provided by the Bureau of Land Management's Alaska Fire Service.

Emergency medical facilities are located at Kotzebue and Nome.

Climate

Candle is representative of the average climate in the Buckland Basin SMU. The following is general climatic data for Candle.

Temperature -- summer +34°F. to +63°F., winter -20°F. to +2°F., extremes -60°F. to +84°F. Precipitation -- 8.6 inches, includes 36 inches snow.

Unalakleet is representative of the average climate in the Nulato Hills SMU. The following is general climatic data for Unalakleet.

Temperature -- summer +42° F. to +51° F., winter -11° F. to +15° F., extremes -50° F. -- +87° F. Precipitation -- 14.2 inches, includes 41 inches snow.

Minerals

All lands within the Buckland Basin SMU are open to mineral entry under the 1872 Mining Law as amended. All lands within the Nulato Hills SMU are open to nominations and/or proposals for sale or lease pursuant to section 203 and 302 of FLPMA. All lands within the Nulato Hills SMU are open to mineral leasing and mineral entry with the following stipulations: Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Shaktoolik River from the junction of Shovel Creek and Anakeksik Creek, downstream to the junction of Anakeksik Creek and the Shaktoolik River and from the junction of Kingmetolik Creek and the Shaktoolik River downstream to the western boundary of the Nulato Hills SMU. Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Ungalik River from its junction with an unnamed stream in Sec. 31, T. 6S., R. 6W., Kateel River Meridian, downstream to the western boundary of the Nulato Hills SMU. Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Inglutalik River from its junction with the Nigikmigoon River, downstream to the western boundary of the Nulato Hills SMU.

The Selawik Hills, located in the northern portion of the Buckland Basin SMU, is an area of known mineralization. Uranium, fluorite, and gold deposits are known. Placer gold claims are also being worked on the Ungalik River in the Nulato Hills SMU.

BENDELEBEN MOUNTAINS SUBUNIT

Location

The Bendeleben Mountains Subunit contains approximately 1,301,000 acres on the southern portion of the Seward Peninsula. The unit's eastern boundary is approximately 5 miles west of the village of Koyuk, and the southwestern unit corner is approximately 48 miles northeast of Nome. The Bendeleben Mountains SMU contains 950,374 acres. The Kuzitrin River Basin SMU contains 128,245 acres. The McCarthy's Marsh SMU contains 222,131 acres. Nearby communities outside the subunit include Koyuk, Elim, Golovin, White Mountain, Nome, and Solomon, all to the south.

Access

There is no road access directly to this unit, but road access does exist to Council, and the Nome/Taylor Highway is approximately 4 miles west of the western boundary line. One cat trail exists through the McCarthy's Marsh/Death Valley area and another passes through the unit's northwestern corner to Rainbow Camp and on to the

Inmachuk River Drainage. Common methods of access in this area during the summer are small planes and boats. During winter small planes and snowmobiles are used. Small airstrips have been developed at Omilak, Pargon River, Wagon Wheel Creek, and Rainbow Camp. Gravel airstrips are located at Koyuk, Elim, Golovin, and White Mountain. A paved, state-maintained airport is located at Nome.

This unit is bounded by lands administered by the U.S. Park Service; the State of Alaska; and Koyuk, White Mountain, and Council village corporations. The northern portion of the patented Elim village corporation lands form a part of the unit's southern boundary.

The federal government does not guarantee overland access across private lands. Claimants may apply for rights-of-way on Federal lands.

Services

The Alaska Village Electrical Cooperative operates community electrical systems in Koyuk, and Elim. Private generators provide power for individuals in White Mountain, Golovin, and Council. Nome Light and Power provides community electric service in Nome.

Wildfire protection is provided by the Bureau of Land Management's Alaska Fire Service.

Emergency medical facilities are located at Kotzebue and Nome.

Climate

White Mountains is representative of the average climate in the area. The following is general climatic data for White Mountains.

Temperature -- summer +41° F. to +61° F., winter -7° F. to +15° F., extremes -55° F. -- +89° F. Precipitation -- 14.8 inches, includes 58 inches snow.

Minerals

All lands within the Bendeleben SMU are open to nominations and/or proposals for sale or lease pursuant to sections 203 and 302 of FLPMA. Certain lands within the Bendeleben Mountains Subunit are open to mineral leasing and mineral entry under the Mineral Leasing Law and the 1872 Mining Law as amended, with the following exceptions. No lands will be open within the river corridor of the Koyuk Wild and Scenic River Study area. All lands within the Bendeleben SMU are open to mineral entry under the 1872 Mining Law as amended with the following stipulations: Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Tubutulik River from its junction with Granite Creek, downstream to the southern boundary of the Bendeleben SMU. All lands within the Kuzitrin River Basin SMU are open to mineral leasing and mineral entry with the following stipulations: Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the main channel of the

Kuzitrin River throughout its entire length within the Kuzitrin River Basin SMU. All lands within the McCarthy's Marsh SMU are open to mineral leasing and mineral entry with the following stipulations: Surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws within 300 feet on either side of the mean high water line of the Fish River from its junction with Wagon Wheel Creek, downstream to the southern boundary of the McCarthy's Marsh SMU.

The Bendeleben SMU is an area of known mineralization. Over a thousand mining claims are recorded with BLM in this area. Minerals include copper, molybdenum, lead, silver, tin, and gold. It is probable that coal deposits exist along the eastern end of the Bendeleben Mountains.

IMURUK SUBUNIT

Location

The Imuruk Subunit contains approximately 196,000 acres on the western central portion of the Seward Peninsula, approximately 28 miles north of Nome. The unit's eastern boundary is located approximately 6 to 8 miles west of the Nome/Taylor Highway. Except for two small isolated tracts, the unit's northern boundary is approximately 12 miles north of Teller. The Imuruk SMU is the only area open in this subunit. Nearby communities outside the subunit are Teller, and Brevig Mission.

Access

There is limited road access to Imuruk SMU, the only area presently open in this unit. The Nome/Taylor Highway passes by the eastern portion of the unit. General access is possible by the Mary's Igloo Road off the Nome/Taylor Road. Other methods of access in this area include small planes and boats during summer, and small planes and snowmachines during the winter. Gravel airstrips are located at the communities of Teller and Brevig Mission. Airstrips are also located at Black Dome north of the subunit. A paved, state-maintained airport is located at Nome.

State troopers are located at Nome.

Lands adjacent to this unit are administered by the State of Alaska, and the village corporations of Teller, Brevig Mission, and Mary's Igloo.

The federal government does not guarantee individuals or groups overland access across private lands, unless the lands were transferred from the federal government, and the transfer documents specifically reserve access rights. Claimants should check with BLM for proper land status. Claimants may apply for rights-of-way on federal lands.

Services

Private generators provide power for individuals in Brevig Mission. Teller Power operates a community electric system in Teller. Nome Light and Power provides community electric service in Nome.

Wildfire protection is provided by the Bureau of Land Management's Alaska Fire Service.

Emergency medical facilities are located at Kotzebue and Nome.

Climate

Teller is representative of the average climate in the area. The following is general climatic data for Teller.

Temperature -- summer +37° F. to +57° F., winter -9° F. to +9° F., extremes -45° F. -- +82° F. Precipitation 11.5 inches, includes 50 inches snow.

Minerals

All lands within the Inuruk SMU are open to mineral leasing and mineral entry under the Mineral Leasing Act and 1872 Mining Law as amended.

This is an area of historic gold activity although there are no active claims. There is the potential for gold and tungsten.

FILING FOR MINERAL LEASING

Detailed direction on filing and processing of applications for all leasable minerals shall be in accordance with regulations in 43 CFR 3000, 3200, 3400, and 3500 in effect at the time of the filing.

The official filing period for the mineral lease sale offering in the Sheklushuk, Squirrel/Noatak River, Selawik-Nulato Hills, Bendeleben Mountains, and Imuruk Subunits of the Seward Study Area in Northwest Alaska begins 7:30 a.m., AST, November 9, 1983. Applications will be accepted for a 15 day filing period from 7:30 a.m., AST, November 9, 1983 until 3:45 p.m. AST, November 25, 1983. Applications received during this period will be considered to be filed at the same time. All other mineral lease applications received are governed by the actual dates of filing.

Federal mineral leases may be obtained by any United States citizen, 21 years of age or older, or may be issued to a legal guardian or trustee in behalf of a minor. Associations of citizens and corporations organized under United States law may also qualify, and private citizens may file jointly with other private citizens. Aliens may not hold any interest in a lease except as a stockholder in a corporation holding leases, and then only if the laws of their country provide the same privileges to a U.S. citizen.

Oil and Gas Leasing - 43 CFR 3100

To file an application, an applicant must furnish all information requested on form 3110-1, Offer to Lease and Lease for Oil and Gas, with a nonrefundable filing fee of \$75 and \$1 per acre for the first year's advance rental. Any lease issued is subject to the Oil and Gas Lease Term for Non-Conventional Oil Recovery, Form AK 3110-4, as well as General Stipulations for Alaska (attached). If the application is unsuccessful, the rental will be refunded. The lease forms may be obtained at any BLM State Office.

Land offered for noncompetitive over-the-counter leasing is not preparcelized, and the applicant is responsible for defining the legal boundaries for the lands desired. The minimum acreage allowed for filing an individual noncompetitive lease application is 640 acres and the maximum allowable in any one application is 10,240 acres. Only one application per 640 acre section may be filed by any one citizen, group of citizens, partnership, or corporation. In Alaska, no person, group, partnership, or corporation may hold more than 600,000 acres under lease or option; 300,000 acres in the Northern Leasing District and 300,000 in the Southern Leasing District. Leases held in the National Petroleum Reserve-Alaska do not count against this acreage entitlement.

Noncompetitive oil and gas leases are issued for a 10-year period or for as long as oil and gas are produced in paying quantities. Interest in the leases may be assigned upon approval of the BLM.

This is not a simultaneous lottery. Additional information on lease selection procedures is presented later in this brochure.

Geothermal - 43 CFR 3200

The regulations found in this subpart, implementing the Geothermal Steam Act of 1970, give guidance to the exploration, development, and production of geothermal; steam or associated geothermal resources, as well as protection of the environment and rehabilitation of lands under lease.

Applications are filed with a nonrefundable filing fee of \$50 and the first year's advance rental of \$1 per acre or fraction thereof based on the total acreage included in the application. Minimum acreage is 640 acres and maximum acreage is 2,560 acres per application. No individual, association, corporation, or governmental unit shall take, hold, own, or control at one time, any direct or indirect interest in Federal geothermal leases in any one state exceeding 20,480 acres.

Should two or more companies explore, apply, or actually lease available lands for geothermal resources in the same general area, these activities might constitute "competitive intent." Activity of this nature could warrant the classification of such lands as a known geothermal resource area (KGRA).

Coal - 43 CFR 3400

Coal may only be leased through competitive bidding as described in a Notice of Sale published by the BLM. The current procedure for coal exploration is as follows. Procedures for obtaining an exploration license are described in 43 CFR 3410. Application can be filed to explore lands for coal deposits and must be submitted with a nonrefundable filing fee of \$250. The license confers no rights to a lease. An exploration license is issued for a duration of 2 years and shall normally cover more than 25,000 acres.

A license to mine, as defined in 43 CFR 3440, may be issued to a municipality for the nonprofit mining and disposal of coal to its residents for household use only. A \$10 filing fee must be submitted with the application. No rental or royalty payments are required. Acreage may not exceed 320 acres for a municipality of less than 100,000; 1,280 acres for a municipality of 100,000 through 150,000; and 2,560 acres for a municipality of 150,000 or more.

Other Leasable Minerals - 43 CFR 3500

Other minerals available for lease include but are not limited to: potassium, sodium, phosphate, sulphur, and asphalt. To obtain a Prospecting Permit, an application must be filed on a form approved by the Director. A \$10 filing fee and the first year's advance rental must be submitted with the application. Rental rates on applications to prospect for potassium, sodium, and phosphate are \$0.25 per acre per year. Sulphur and asphalt require a rental of \$0.50 per acre per year.

Leasing Applications

Applications for oil and gas leases may be submitted by mail to:

Alaska State Office
Public Room
Bureau of Land Management
701 C Street, Box 70
Anchorage, Alaska 99513

The applications may also be delivered in person to the BLM Public Room on the first floor of the Anchorage Federal Building at the same address.

After the initial leasing period for oil and gas, any unleased lands will remain open to the filing of applications. All else being regular, further applications received on these lands will be processed on a "first in time basis."

Applications for leasing of minerals other than oil and gas must be submitted to the BLM District office in which the lands are located. Lease applications may be delivered in person or mailed to:

Fairbanks District Office
P.O. Box 1150
Fairbanks, Alaska 99707
Telephone: (907) 356-2025
(Located: Gaffney and Marks Road
on Fort Wainwright)

Automated System for Oil and Gas Filings

All oil and gas filings in the Alaska State Office are entered onto the computerized Alaska Automated Land Records System (AALRS). At the time of encoding the computer assigns a six-digit serial number to each application and records the filing of the \$75 and the advance rental of \$1 per acre. A computer abstract is created which includes history actions and a complete description of the lands applied for in the oil and gas offer to lease. All land descriptions and history actions are locked into the system at the close of business each day. The AALRS is the official record for oil and gas leasing in Alaska.

At the close of the 15-day filing period, a random selection is made by the AALRS. Each application submitted is given a priority number. Within 48 hours after the close of the filing period, computer printouts are available in the Alaska State Office Public Room for review. These printouts delineate four different sets of statistics:

- *Applicant Sequence
- *Priority Sequence
- *Location Sequence
- *Serial Sequence

~~The Applicant Sequence printout will assist the applicant in locating the priority number, as it is an alphabetical listing of applicants in the system who have submitted an oil and gas offer to lease during the filing period. All applications are assigned a~~

priority number. If an application is issued a high priority number this does not necessarily mean that a lease will not be issued. A cross reference to the Location Sequence printout is necessary to determine how many, if any, applicants have received a lower numerical priority number on the lands for which you filed. If no lower numbers appear on the Location Sequence printout, you will be first in line to receive a lease, all else being regular. The Serial Sequence printout lists all serial numbers assigned during the filing period. Although the random selection of priorities is done through the AALRS, this is not a Simultaneous Lottery.

Advance rental monies submitted with the application will be retained by the BLM pending adjudication to lease issuance or rejection. If all or part of the lands described are unavailable, or if the application is incomplete, it will be subject to either total or partial rejection. As to the rejected portions, the BLM will deliver a decision delineating unavailabilities or inadequacies. This decision can be appealed within 30 days of receipt. Refunds will be processed at the end of the 30-day period if no appeal has been filed. Approximately 6-8 weeks after it is processed in the Alaska State Office, the refund will be mailed. Applicants may withdraw their applications at any time prior to lease issuance.

FILING FOR MINERAL ENTRY

The official opening of certain lands to mineral entry in the Sheklukshuk, Squirrel River/Noatak River, Selawik-Nulato Hills, Bendeleben Mountains, and Imuruk Subunits of the Seward Study Area in Northwest Alaska under operation of the general mining laws is 7:30 a.m., AST, November 9, 1983. Mining claims on such lands will be made under the provisions of the General Mining Law of 1872, as amended (30 U.S.C. 21-54). Full operation of mining law allows location and entry for metalliferous and nonmetalliferous minerals as well as nonmineral lands for the purpose of millsite location.

In addition, every mining claimant will be required to comply with the provisions of Section 314 of the Federal Land Policy and Management Act (FLPMA), 42 U.S.C. Section 1744 (1976), and the regulations in 43 CFR 3833. The regulations under FLPMA are not intended to supercede or replace existing recording requirements under state law except when specifically changed by the provisions of FLPMA.

FLPMA requires the mining claimant to file a copy of location for each claim or site, within 90 days after the date of location, with the proper office of BLM and submit an affidavit of annual labor or a notice of intention to hold the mining claim prior to December 31 of each calendar year, following the calendar year in which the claim was located. This location notice must be identical to the one filed with the State of Alaska Recording District in the area where the claim is located.

The location notice may be filed with the BLM District Office in which the claim is located, or with the BLM Alaska State Office. Notices may be delivered in person or mailed to:

Fairbanks District Office
P.O. Box 1150
Fairbanks, Alaska 99701
(Located: Gaffney and Marks Road
on Fort Wainwright)
Telephone: (907) 356-2025

Alaska State Office
Public Room
701 C Street, Box 70
Anchorage, Alaska 99513
Telephone: (907) 271-5960

Departmental regulations pertaining to recordation of unpatented claims on federal lands in 43 CFR 3833 require the following information to be submitted with the location notice:

Name and number of the claim/site, or both if the claim/site has both.

Name and current mailing address of the owner or owners of the claim/site.

Type of claim/site.

Date of location.

Legal description including: Township, Range, Meridian, and State -- obtained from an official survey or other U.S. Government map showing either the surveyed or protracted U.S. Government grid, whichever is applicable; and, to the extent possible, the section(s) and the approximate location of all or any part of the claim/site to within a 160-acre quadrant of the section or sections, if more than one is involved.

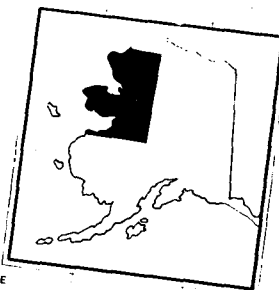
A topographic map published by the U.S. Geological Survey on which there shall be depicted the location of claim/site; or a narrative or sketch describing the claim/site with reference by appropriate tie to some topographic, hydrographic, or man-made feature; or an approved mineral survey.

Each claim/site filed shall be accompanied by a one-time nonrefundable service fee of \$5.

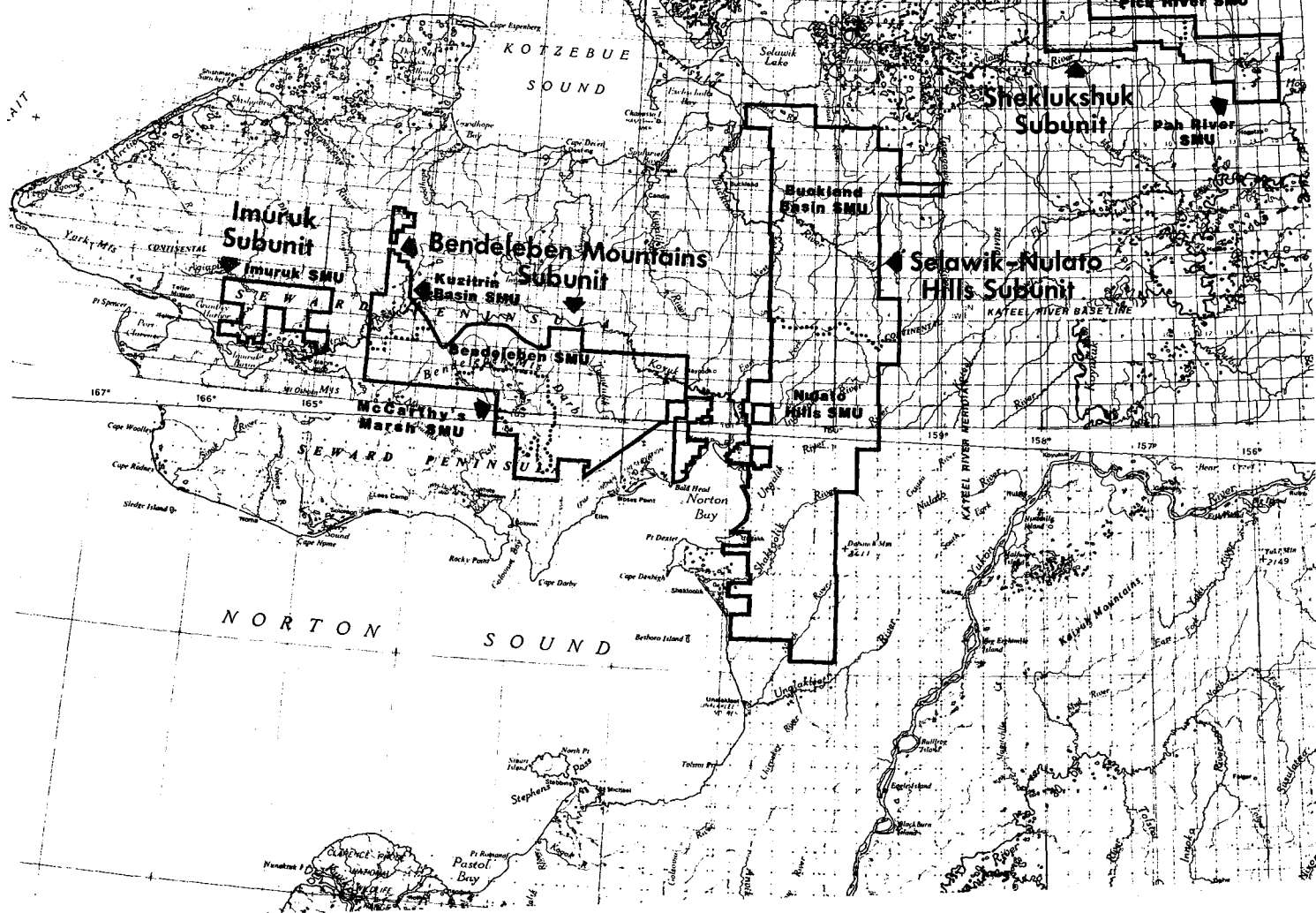
Regulation 43 CFR 3833.2-1(c) requires the filing of evidence of annual assessment work performed during the previous assessment year or, in lieu of an affidavit of labor, a notice of intention to hold the mining claim. Such evidence or notice must be filed on or before December 30 of each calendar year following the calendar year in which the claim was located.

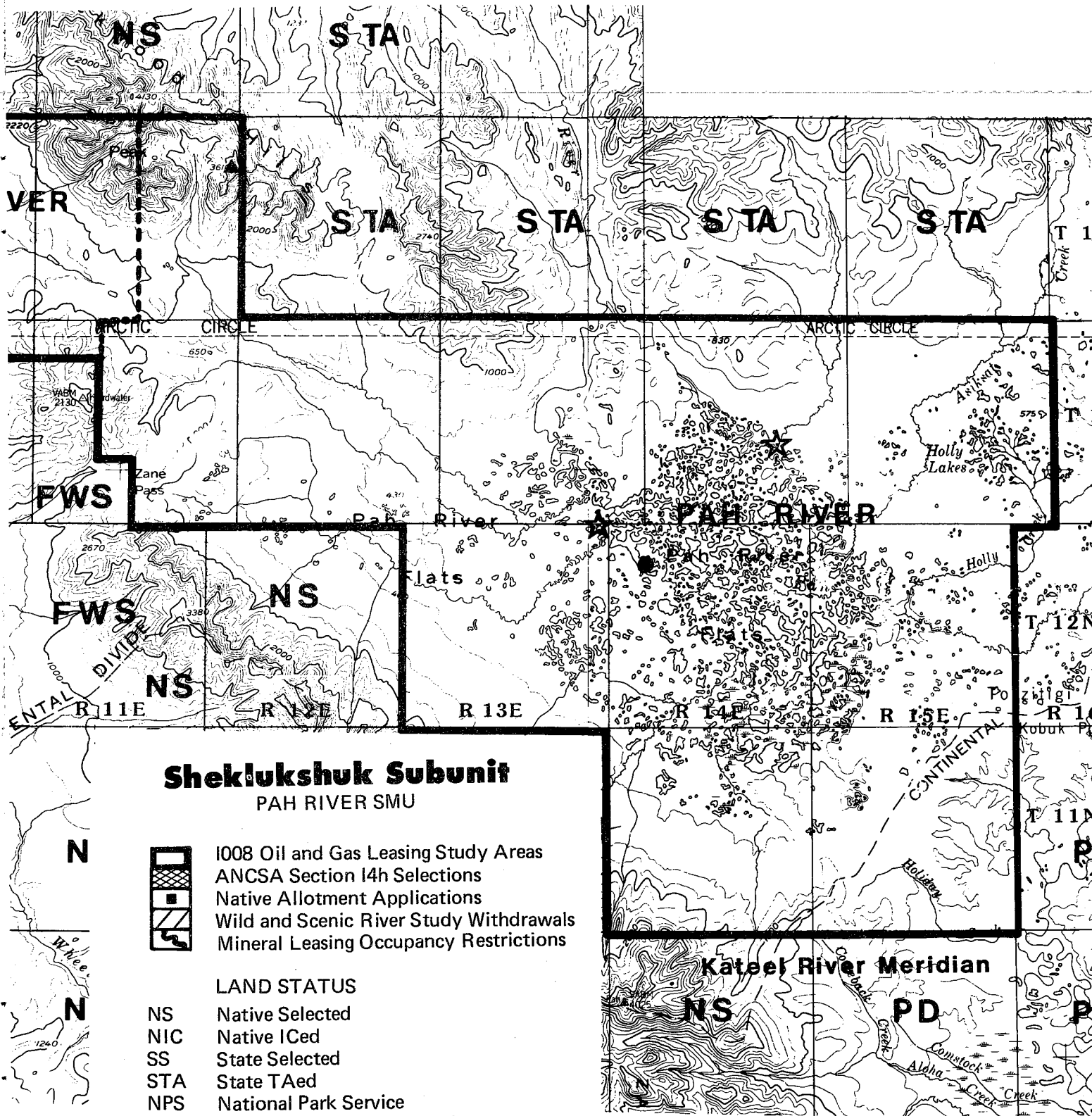
The fact that a mining claim has been recorded with the Bureau of Land Management does not in itself render the claim valid.

**SEWARD
PENINSULA
OPENING
NOVEMBER 9, 1983**



ARCTIC . CIRCLE





R 1

R 14 E

R 15 E

F

Sheklukshuk Subunit

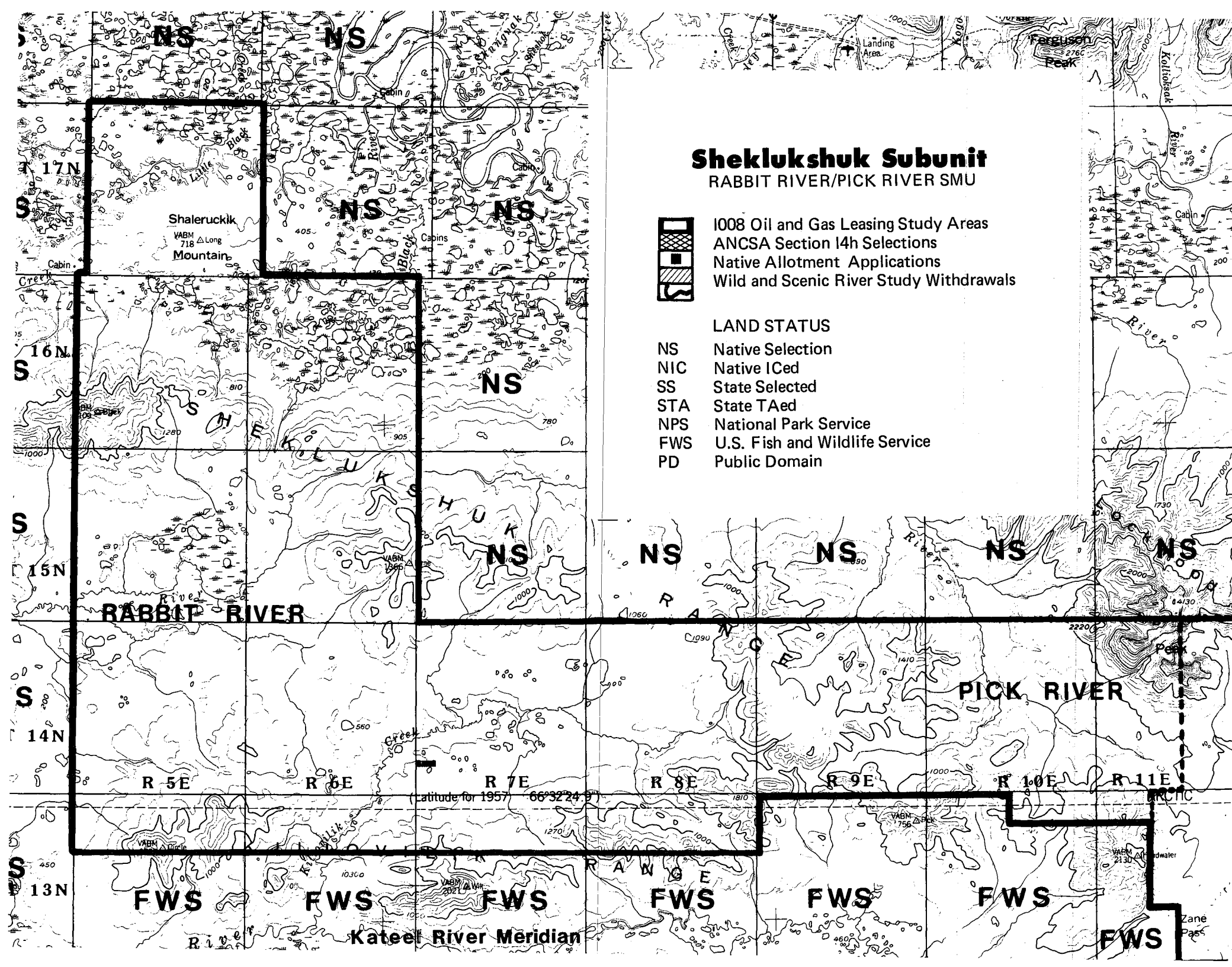
RABBIT RIVER/PICK RIVER SMU

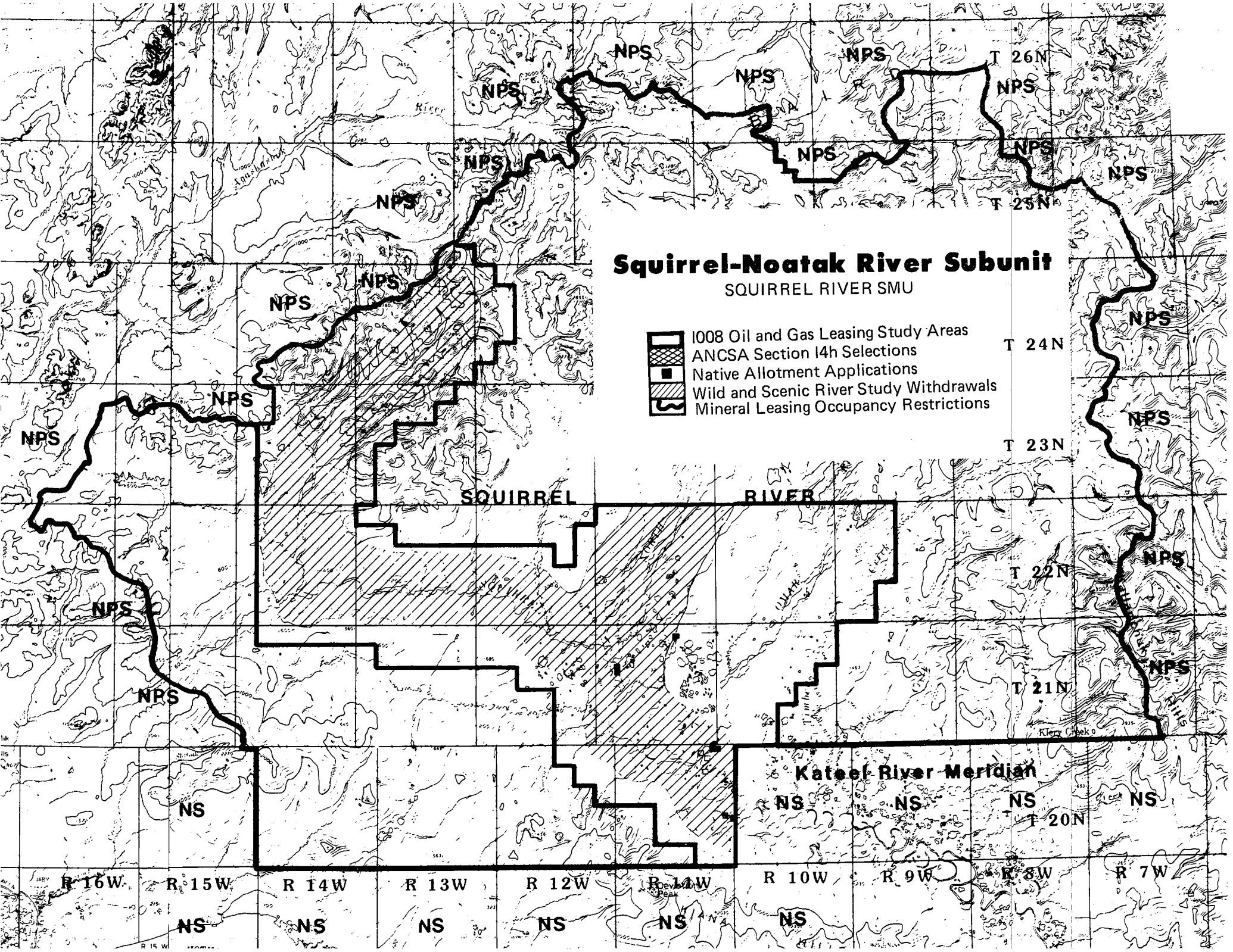


1008 Oil and Gas Leasing Study Areas
ANCSA Section 14h Selections
Native Allotment Applications
Wild and Scenic River Study Withdrawals






LAND STATUS

NS	Native Selection
NIC	Native ICed
SS	State Selected
STA	State TAed
NPS	National Park Service
FWS	U.S. Fish and Wildlife Service
PD	Public Domain





Squirrel-Noatak River Subunit
SQUIRREL RIVER SMU

-  1008 Oil and Gas Leasing Study Areas
-  ANCSA Section 14h Selections
-  Native Allotment Applications
-  Wild and Scenic River Study Withdrawals
-  Mineral Leasing Occupancy Restrictions

Squirrel-Noatak River Subunit

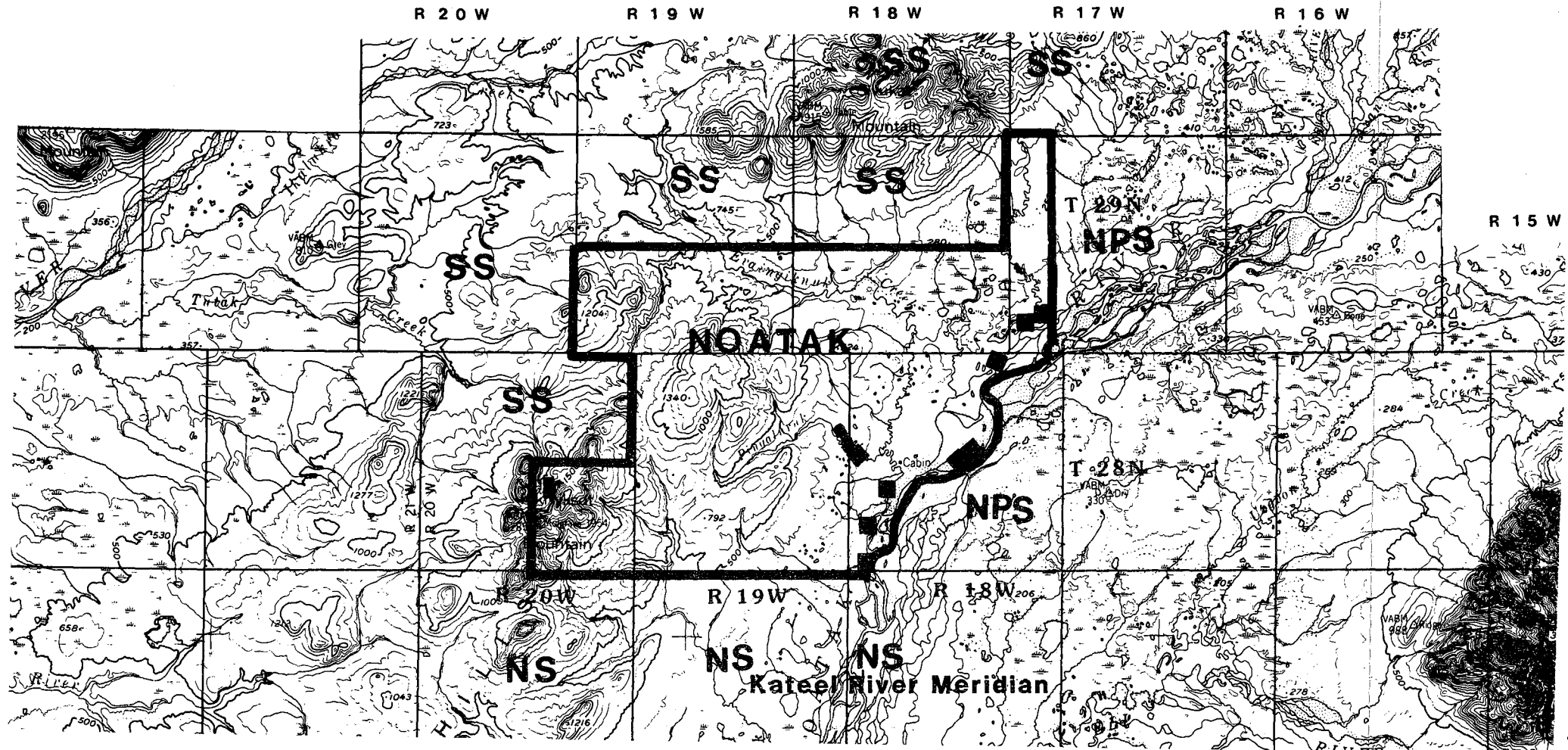
NOATAK RIVER SMU

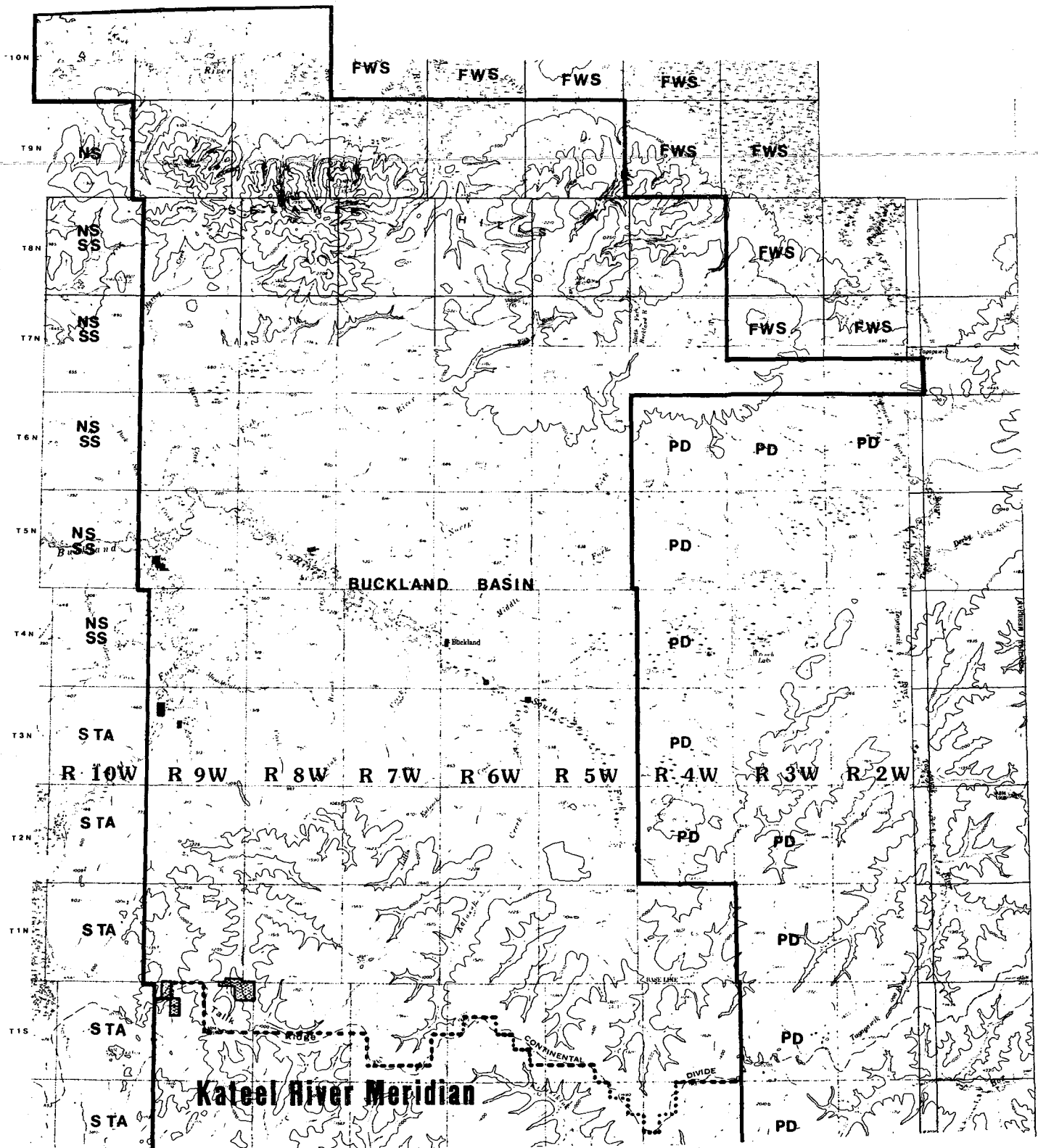


1008 Oil and Gas Leasing Study Areas
ANCSA Section 14h Selections
Native Allotment Applications
Wild and Scenic River Study Withdrawals
Mineral Leasing Occupancy Restrictions

LAND STATUS






NS Native Selected
NIC Native ICed
SS State Selected
STA State TAed
NPS National Park Service
FWS U.S. Fish and Wildlife Service
PD Public Domain





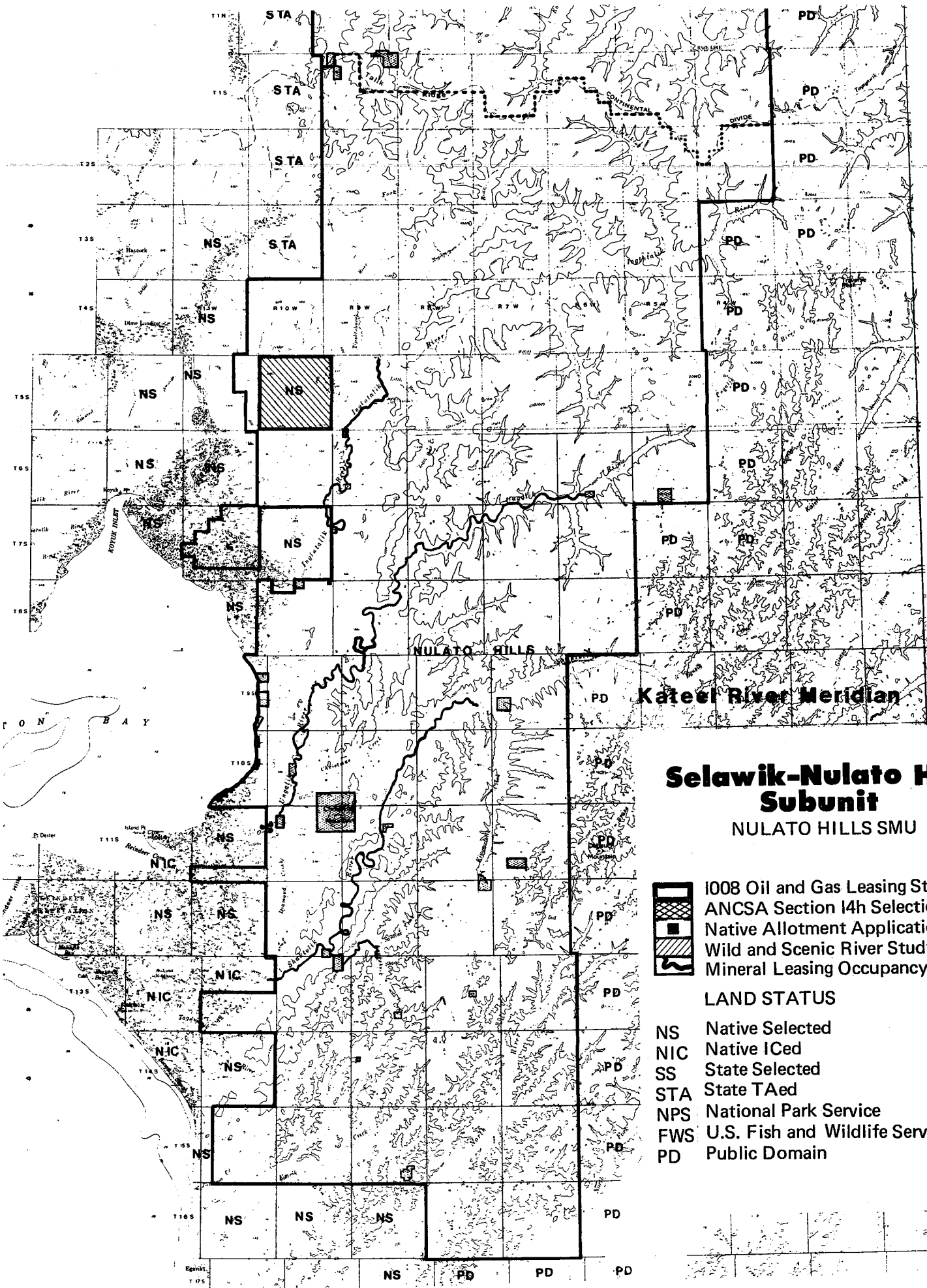
Selawik-Nulato Hills Subunit

BUCKLAND BASIN SMU

-  1008 Oil and Gas Leasing Study Areas
-  ANCSA Section 14h Selections
-  Native Allotment Applications
-  Wild and Scenic River Study Withdrawals
-  Mineral Leasing Occupancy Restrictions






LAND STATUS

- NS Native Selection
- NIC Native ICed
- SS State Selected State
- STA State TAed
- NPS National Park Service
- FWS U.S. Fish and Wildlife Service
- PD Public Domain



Selawik-Nulato Hills Subunit

NULATO HILLS SMU






-  1008 Oil and Gas Leasing Study Areas
-  ANCSA Section 14h Selections
-  Native Allotment Applications
-  Wild and Scenic River Study Withdrawals
-  Mineral Leasing Occupancy Restrictions

LAND STATUS

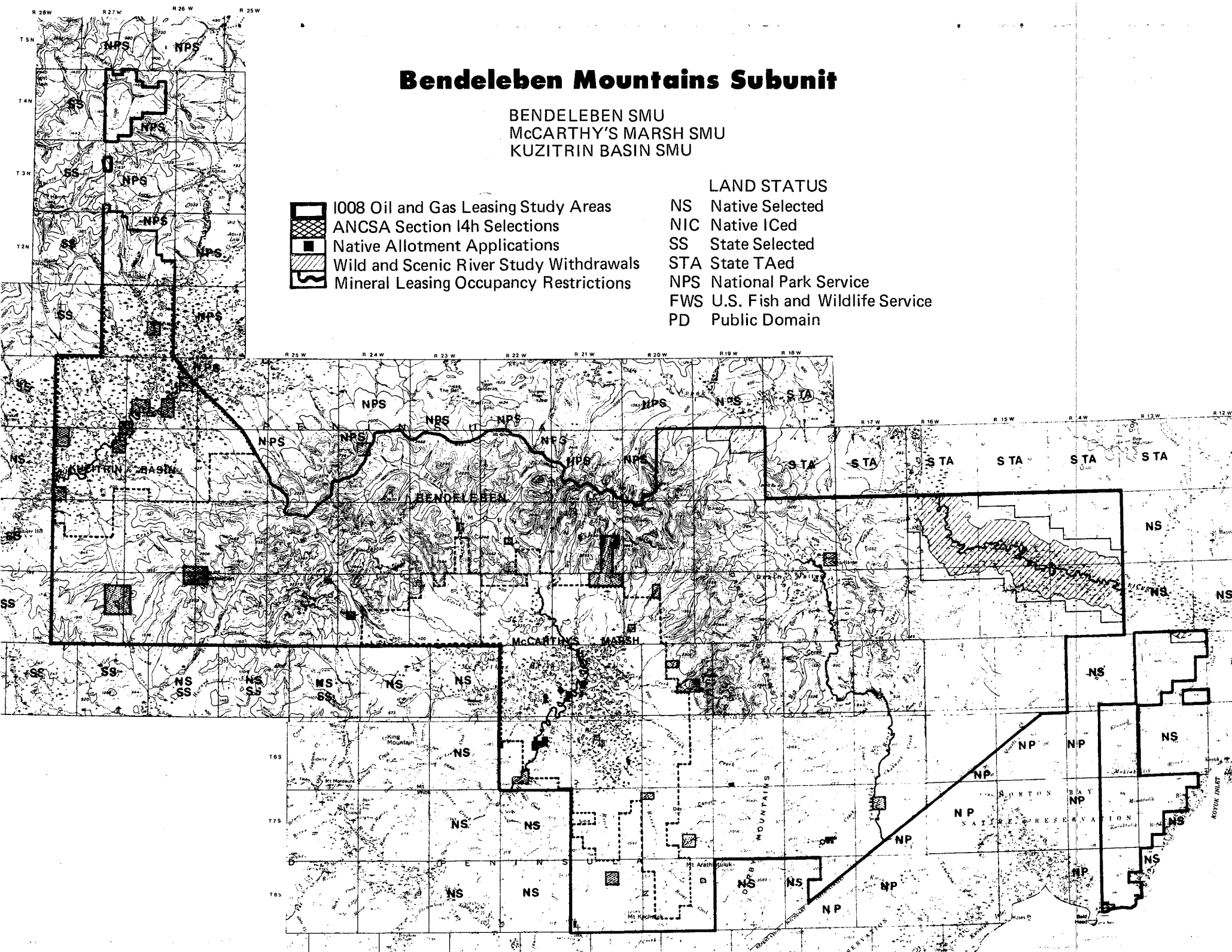
- NS Native Selected
- NIC Native ICed
- SS State Selected
- STA State TAed
- NPS National Park Service
- FWS U.S. Fish and Wildlife Service
- PD Public Domain

Bendeleben Mountains Subunit

BENDELEBEN SMU
McCARTHY'S MARSH SMU
KUZITRIN BASIN SMU






-  1008 Oil and Gas Leasing Study Areas
-  ANCSA Section 14h Selections
-  Native Allotment Applications
-  Wild and Scenic River Study Withdrawals
-  Mineral Leasing Occupancy Restrictions

- LAND STATUS
- NS Native Selected
 - NIC Native ICed
 - SS State Selected
 - STA State TAed
 - NPS National Park Service
 - FWS U.S. Fish and Wildlife Service
 - PD Public Domain



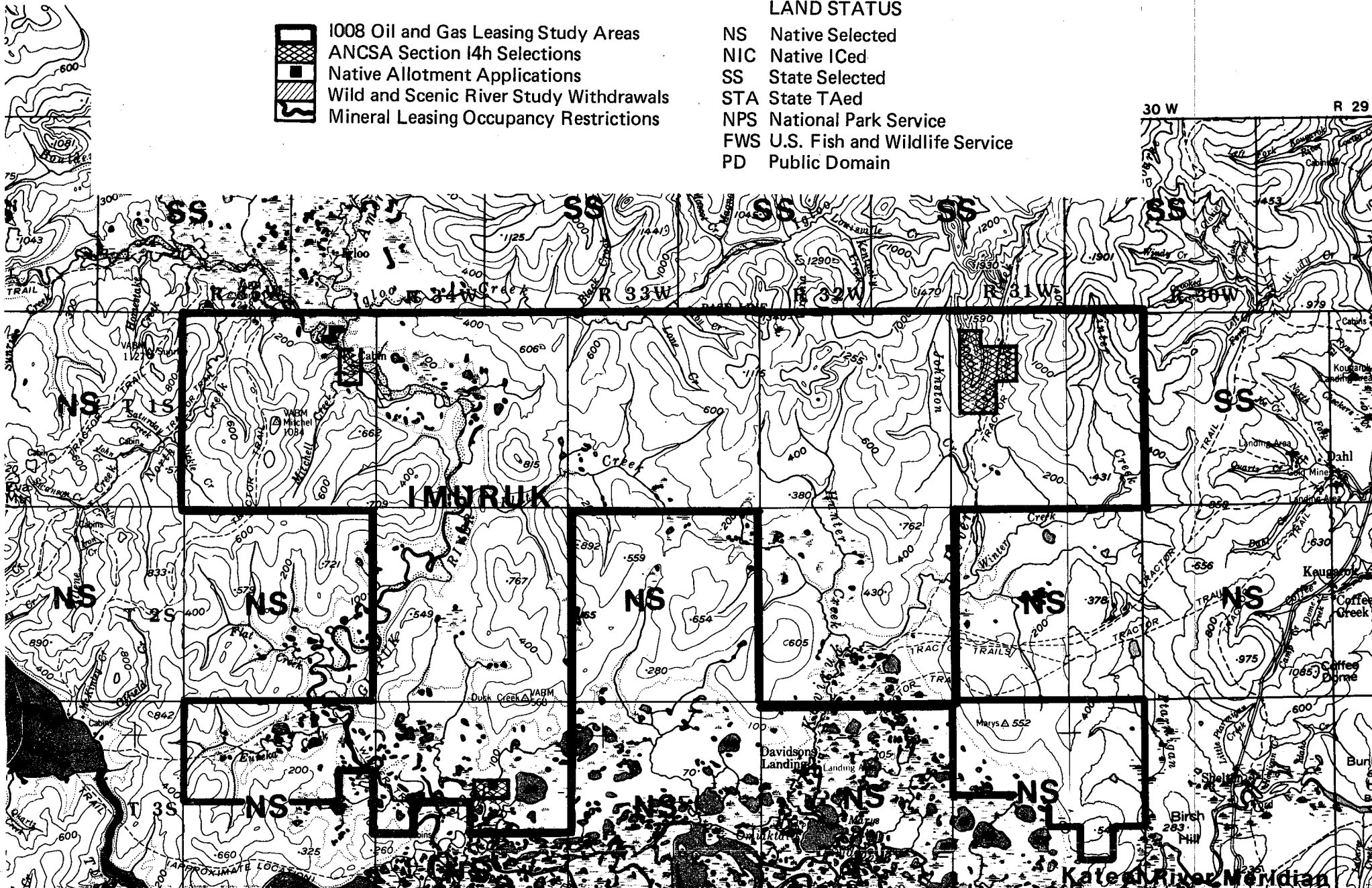
Imuruk Subunit

IMURUK SMU

-  1008 Oil and Gas Leasing Study Areas
-  ANCSA Section 14h Selections
-  Native Allotment Applications
-  Wild and Scenic River Study Withdrawals
-  Mineral Leasing Occupancy Restrictions

LAND STATUS

- NS Native Selected
- NIC Native ICed
- SS State Selected
- STA State TAed
- NPS National Park Service
- FWS U.S. Fish and Wildlife Service
- PD Public Domain



UNITED STATES
DEPARTMENT OF THE INTERIOR
CODE OF FEDERAL REGULATIONS
TITLE 43--PUBLIC LANDS: INTERIOR

CHAPTER II--BUREAU OF LAND MANAGEMENT
APPENDIX--PUBLIC LAND ORDERS

4310-84

PUBLIC LAND ORDER

(F-81398)

ALASKA

6477

PARTIAL REVOCATION; OPENING OF LANDS WITHDRAWN BY PUBLIC
LAND ORDER NOS. 399, 5170, 5179, 5180, AND 5184, AS AMENDED

AGENCY: Bureau of Land Management, Interior

ACTION: Public Land Order

SUMMARY: This order partially revokes five public land orders and opens to mining approximately 5,697,148 acres of surveyed, partly surveyed, and unsurveyed lands. About 4,421,340 acres will be opened to mineral leasing and 2,560,997 acres will be opened to permit sale or lease pursuant to the Federal Land Policy and Management Act of 1976.

EFFECTIVE DATE: NOV 9 1983

FOR FURTHER INFORMATION CONTACT: Terry R. Hassett, Alaska State Office,
907-271-3240

By virtue of the authority vested in the Secretary of the Interior by Section 204 of the Federal Land Policy and Management Act of 1976, (hereinafter FLPMA), it is ordered as follows:

1. The lands described as follows, which, among others, were withdrawn by Public Land Order Nos. 399, 5170, 5179, 5180, and 5184, dated August 20, 1947, or March 9, 1972, all as amended, modified or corrected, are hereby opened, if otherwise available, as stated in paragraphs 2, 3, 4, and 5 of this order:

a. Sheklukshuk Subunit

(1) Rabbit River/Pick River

Kateel River Meridian

T. 13 N., R. 5 E.,
 secs. 1 to 12, inclusive
 Tps. 14 to 17 N., R. 5 E.
 T. 13 N., R. 6 E.,
 secs. 1 to 12, inclusive.
 Tps. 14, 15, and 16 N., R. 6 E.
 T. 13 N., R. 7 E.,
 secs. 1 to 12, inclusive.
 T. 14 N., R. 7 E.
 T. 13 N., R. 8 E.,
 secs. 1 to 12, inclusive.
 T. 14 N., R. 8 E.
 T. 14 N., R. 9 E.
 T. 13 N., R. 10 E.,
 secs. 1, 2, and 3.
 T. 14 N., R. 10 E.
 T. 13 N., R. 11 E.,
 secs. 5 and 6.
 T. 14 N., R. 11 E.,
 secs. 4 to 9, inclusive; secs. 16 to 21, inclusive; and
 secs. 28 to 33, inclusive.

The areas described aggregate approximately 296,897 acres.

(2) Pah River

Kateel River Meridian

T. 13 N., R. 11 E.,
 secs. 1 to 4, inclusive; secs. 9 to 16, inclusive; secs. 21
 to 27, inclusive; and secs. 34, 35, and 36.
 T. 14 N., R. 11 E.,
 secs. 1, 2, and 3; secs. 10 to 15, inclusive; secs. 22 to 27,
 inclusive; and secs. 34, 35, and 36.
 T. 13 N., R. 12 E.
 T. 12 N., R. 13 E.,
 secs. 2 to 36, inclusive.
 T. 13 N., R. 13 E.
 Tps. 11 and 12 N., R. 14 E.
 T. 13 N., R. 14 E.,
 secs. 1 to 21, inclusive; and secs. 23 to 36, inclusive.
 Tps. 11, 12, and 13 N., R. 15 E.

The areas described aggregate approximately 230,221 acres.

b. Squirrel/Noatak River Subunit

(1) Squirrel

Kateel River Meridian

- T. 21 N., R. 7 W.,
that portion of sec. 4 lying outside the Kobuk Valley National Park; secs. 5 to 8, inclusive; those portions of secs. 9, 15, and 16 lying outside the Kobuk Valley National Park; secs. 17 to 21, inclusive; those portions of secs. 22 and 27 lying outside the Kobuk Valley National Park; secs. 28 to 33, inclusive; and those portions of secs. 34 and 35 lying outside the Kobuk Valley National Park.
- T. 22 N., R. 7 W.,
that portion of sec. 3 lying outside the Kobuk Valley National Park; secs. 4 to 10, inclusive; those portions of secs. 11, 14, 15, and 16 lying outside the Kobuk Valley National Park; secs. 17 to 20, inclusive; those portions of secs. 21, 28, and 29 lying outside the Kobuk Valley National Park; secs. 30, 31, and 32; and that portion of sec. 33 lying outside the Kobuk Valley National Park.
- T. 23 N., R. 7 W.,
those portions of secs. 4 and 5 lying outside the Kobuk Valley National Park; sec. 6; those portions of secs. 7, 8, 17, and 18 lying outside the Kobuk Valley National Park; sec. 19; those portions of secs. 20, 21, 27, and 28 lying outside the Kobuk Valley National Park; secs. 29 to 33, inclusive; and that portion of sec. 34 lying outside the Kobuk Valley National Park.
- T. 24 N., R. 7 W.,
those portions of secs. 2 and 3 lying outside the Kobuk Valley National Park; secs. 4 to 8, inclusive; those portions of secs. 9, 10, 11, 16, and 17 lying outside the Kobuk Valley National Park; secs. 18 and 19; those portions of secs. 20, 28, and 29 lying outside the Kobuk Valley National Park; secs. 30, 31, and 32; and that portion of sec. 33 lying outside the Kobuk Valley National Park.
- T. 25 N., R. 7 W.,
that portion of sec. 7 lying outside the Noatak National Preserve and Wilderness; that portion of sec. 8 lying outside the Noatak National Preserve and Wilderness and the Kobuk Valley National Park; those portions of secs. 16 and 17 lying outside the Kobuk Valley National Park; that portion of sec. 18 lying outside the Noatak National Preserve and Wilderness; secs. 19 and 20; those portions of ~~secs. 21, 22, and 27 lying outside the Kobuk Valley National~~ Park; secs. 28 to 33, inclusive; and those portions of secs. 34 and 35 lying outside the Kobuk Valley National Park.

Tps. 21 to 24 N., R. 8 W.

T. 25 N., R. 8 W.,

those portions of secs. 2 and 3 lying outside the Noatak National Preserve and Wilderness; secs. 4 to 10, inclusive; those portions of secs. 11, 13, and 14 lying outside the Noatak National Preserve and Wilderness; and secs. 15 to 36, inclusive.

T. 26 N., R. 8 W.,

those portions of secs. 16, 17, and 18 lying outside the Noatak National Preserve and Wilderness; secs. 19 and 20; those portions of secs. 21, 22, 27, and 28 lying outside the Noatak National Preserve and Wilderness; secs. 29 to 33, inclusive; and that portion of sec. 34 lying outside the Noatak National Preserve and Wilderness.

T. 21 N., R. 9 W.

T. 22 N., R. 9 W.,

secs. 1, 2, and 3; secs. 10 to 15, inclusive; secs. 22 to 28, inclusive; and secs. 33 to 36, inclusive.

Tps. 23 and 24 N., R. 9 W.

T. 25 N., R. 9 W.,

sec. 1; those portions of secs. 2, 3, 4, 8, and 9 lying outside the Noatak National Preserve and Wilderness; and secs. 10 to 36, inclusive.

T. 26 N., R. 9 W.,

those portions of secs. 13, 14, and 23 lying outside the Noatak National Preserve and Wilderness; secs. 24, 25, and 26; those portions of secs. 27, 34, and 35 lying outside the Noatak National Preserve and Wilderness; and sec. 36.

T. 21 N., R. 10 W.,

sec. 13; secs. 23 to 27, inclusive; and secs. 34, 35, and 36.

Tps. 23 and 24 N., R. 10 W.

T. 25 N., R. 10 W.,

secs. 3 to 10, inclusive;
sec. 11, W $\frac{1}{2}$, SE $\frac{1}{4}$;
secs. 13 to 36, inclusive.

T. 26 N., R. 10 W.,

those portions of secs. 27 to 30, inclusive, lying outside the Noatak National Preserve and Wilderness; secs. 31, 32, and 33; and that portion of sec. 34 lying outside the Noatak National Preserve and Wilderness.

T. 20 N., R. 11 W.,

secs. 19 and 20; and secs. 29 to 34, inclusive.

Tps. 23, 24, and 25 N., R. 11 W.

T. 26 N., R. 11 W.,

those portions of secs. 17 and 18 lying outside the Noatak National Preserve; secs. 19 and 20; those portions of secs. 21 to 24, inclusive, lying outside the Noatak National Preserve; secs. 25 to 29, inclusive; those portions of secs. 30 and 31 lying outside the Noatak National Preserve; and secs. 32 to 36, inclusive.

- T. 20 N., R. 12 W.,
secs. 4 to 10, inclusive; and secs. 14 to 36, inclusive.
- T. 21 N., R. 12 W.,
secs. 17 to 22, inclusive; and secs. 27 to 34, inclusive.
- T. 22 N., R. 12 W.,
secs. 1 to 11, inclusive; and sec. 14.
- T. 23 N., R. 12 W.
- T. 24 N., R. 12 W.,
secs. 1 to 5, inclusive; secs. 9 to 16, inclusive; secs. 21 to 29, inclusive; and secs. 31 to 36, inclusive.
- T. 25 N., R. 12 W.,
those portions of secs. 1, 2, 3, 9, and 10 lying outside the Noatak National Preserve; sec. 11; that portion of sec. 12 lying outside the Noatak National Preserve; secs. 13, 14, and 15; those portions of secs. 16 and 20 lying outside the Noatak National Preserve; secs. 21 to 29, inclusive; that portion of sec. 30 lying outside the Noatak National Preserve; and secs. 32 to 36, inclusive.
- T. 26 N., R. 12 W.,
those portions of secs. 13, 24, and 36 lying outside the Noatak National Preserve.
- T. 20 N., R. 13 W.
- T. 21 N., R. 13 W.,
sec. 7; and secs. 13 to 36, inclusive.
- T. 22 N., R. 13 W.,
secs. 1 to 6, inclusive; and secs. 9 to 12, inclusive.
- T. 23 N., R. 13 W.,
sec. 1; secs. 11 to 16, inclusive; secs. 20 to 29, inclusive; and secs. 32 to 36, inclusive.
- T. 20 N., R. 14 W.
- T. 21 N., R. 14 W.,
secs. 6 to 29, inclusive; those portions of secs. 30 and 31 lying outside the Noatak National Preserve; and secs. 32 to 36, inclusive.
- T. 22 N., R. 14 W.,
secs. 6, 7, 18, 19, 30, and 31.
- T. 23 N., R. 14 W.,
secs. 18, 19, 30, and 31.
- T. 21 N., R. 15 W.,
secs. 1 to 4, inclusive; those portions of secs. 5 and 8 lying outside the Noatak National Preserve; secs. 9 to 14, inclusive; those portions of secs. 15, 16, 17, 22, and 23 lying outside the Noatak National Preserve; sec. 24; and those portions of secs. 25 and 26 lying outside the Noatak National Preserve.
- T. 22 N., R. 15 W.,
secs. 1 to 18, inclusive; those portions of secs. 19 and 20 lying outside the Noatak National Preserve; secs. 21 to 27, inclusive; those portions of secs. 28, 29, 32, and 33 lying outside the Noatak National Preserve; and secs. 34, 35, and 36.

- T. 23 N., R. 15 W.,
those portions of secs. 6 to 12, inclusive, lying outside the
Noatak National Preserve; and secs. 13 to 36, inclusive.
- T. 22 N., R. 16 W.,
secs. 1 and 2; those portions of secs. 3, 4, 5, 8, 9, 10,
and 11 lying outside the Noatak National Preserve; sec. 12;
and those portions of secs. 13, 14, and 24 lying outside
the Noatak National Preserve.
- T. 23 N., R. 16 W.,
those portions of secs. 1 and 12 lying outside the Noatak
National Preserve; sec. 13; those portions of secs. 14
and 23 lying outside the Noatak National Preserve;
secs. 24 and 25; those portions of secs. 26, 27, 33, and 34
lying outside the Noatak National Preserve; and secs. 35
and 36.

The areas described aggregate approximately 703,421 acres.

(2) Noatak

Kateel River Meridian

- T. 29 N., R. 17 W.,
secs. 6, 7, 18, 19, 30, and 31.
- T. 28 N., R. 18 W.,
those portions of secs. 1, 2, and 3 lying outside the Noatak
National Preserve and Wilderness; secs. 4 to 9, inclusive;
those portions of secs. 10, 11, 14, and 15 lying outside
the Noatak National Preserve and Wilderness; secs. 16
to 19, inclusive; those portions of secs. 20, 21, 22,
and 29 lying outside the Noatak National Preserve and
Wilderness; sec. 30; and those portions of secs. 31 and 32
lying outside the Noatak National Preserve and Wilderness.
- T. 29 N., R. 18 W.,
secs. 19 to 36, inclusive.
- T. 28 N., R. 19 W.
- T. 29 N., R. 19 W.,
secs. 19 to 36, inclusive.
- T. 28 N., R. 20 W.,
secs. 22 to 26, inclusive; those portions of secs. 27 and 34
lying outside the Cape Krusenstern National Monument; and
secs. 35 and 36.

The areas described aggregate approximately 66,546 acres.

c. Selawik-Nulato Hills Subunit

(1) Buckland Basin

Kateel River Meridian

T. 7 N., R. 2 W.,
 secs. 25 to 36, inclusive.
 T. 7 N., R. 3 W.,
 secs. 25 to 36, inclusive.
 T. 1 N., R. 4 W.
 Tps. 7 and 8 N., R. 4 W.
 Tps. 1 to 9 N., R. 5 W.
 Tps. 1 to 9 N., R. 6 W.
 Tps. 1 to 9 N., R. 7 W.
 Tps. 1 to 10 N., R. 8 W.
 T. 1 N., R. 9 W.,
 secs. 1 to 35, inclusive;
 sec. 36, N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$.
 Tps. 2 and 3 N., R. 9 W.
 T. 4 N., R. 9 W.,
 secs. 1 to 28, inclusive; and secs. 30 to 36, inclusive.
 Tps. 5 to 10 N., R. 9 W.
 T. 10 N., R. 10 W.
 T. 1 S., R. 4 W.
 T. 2 S., R. 4 W.,
 secs. 5 to 8, inclusive; and sec. 18.
 T. 1 S., R. 5 W.,
 secs. 1 to 30, inclusive; and secs. 34, 35, and 36.
 T. 2 S., R. 5 W.,
 secs. 1, 2, and 12.
 T. 1 S., R. 6 W.,
 secs. 1 to 15, inclusive; and secs. 18, 23, 24, and 25.
 T. 1 S., R. 7 W.,
 secs. 1 to 18, inclusive; secs. 20 to 23, inclusive; and
 secs. 26 to 29, inclusive.
 T. 1 S., R. 8 W.,
 secs. 1 to 18, inclusive.
 T. 1 S., R. 9 W.,
 sec. 2, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$;
 sec. 3;
 sec. 6, W $\frac{1}{2}$;
 secs. 10 to 15, inclusive.

The areas described aggregate approximately 1,275,808 acres.

(2) Nulato Hills

Kateel River Meridian

T. 2 S., R. 4 W.,
secs. 1 to 4, inclusive; secs. 9 to 17, inclusive; and
secs. 19 to 36, inclusive.

T. 1 S., R. 5 W.,
secs. 31, 32, and 33.

T. 2 S., R. 5 W.,
secs. 3 to 11, inclusive; and secs. 13 to 36, inclusive.

Tps. 3, 4, and 5 S., R. 5 W.

T. 6 S., R. 5 W.,
those portions of secs. 1 to 32, inclusive; and secs. 34,
35, and 36 lying outside Historical Place Trail F-22848.

T. 1 S., R. 6 W.,
secs. 16 and 17; secs. 19 to 22, inclusive; and secs. 26
to 36, inclusive.

Tps. 2 to 5 S., R. 6 W.

T. 6 S., R. 6 W.,
secs. 1 to 31, inclusive;
sec. 32, $N\frac{1}{2}NE\frac{1}{4}$, $SE\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}NW\frac{1}{4}$, $SW\frac{1}{4}NW\frac{1}{4}$, and $S\frac{1}{2}$;
secs. 33 to 36, inclusive.

Tps. 7 and 8 S., R. 6 W.

T. 1 S., R. 7 W.,
secs. 19, 24, and 25; and secs. 30 to 36, inclusive.

Tps. 2 to 5 S., R. 7 W.

T. 6 S., R. 7 W.,
those portions lying outside Historical Place Trail F-22848.

Tps. 7 and 8 S., R. 7 W.

T. 9 S., R. 7 W.,
secs. 1 to 18, inclusive;
sec. 19, $N\frac{1}{2}$ and $SW\frac{1}{4}$;
sec. 20, $N\frac{1}{2}$ and $SE\frac{1}{4}$;
secs. 21 to 28, inclusive;
sec. 29, $NE\frac{1}{4}$ and $S\frac{1}{2}$;
sec. 30, $W\frac{1}{2}$ and $SE\frac{1}{4}$;
secs. 31 to 36, inclusive.

T. 10 S., R. 7 W.

T. 11 S., R. 7 W.,
secs. 1 to 27, inclusive;
sec. 28, $N\frac{1}{2}$ and $SE\frac{1}{4}$;
sec. 29, $N\frac{1}{2}$ and $W\frac{1}{2}SW\frac{1}{4}$;
secs. 30 to 36, inclusive.

Tps. 12 to 16 S., R. 7 W.

T. 1 S., R. 8 W.,
secs. 19 to 36, inclusive.

Tps. 2, 3, and 4 S., R. 8 W.

- T. 5 S., R. 8 W.,
 those portions lying outside Historical Place Trail F-22848.
- Tps. 6 and 7 S., R. 8 W.,
 those portions lying outside Historical Place Trail F-22848.
- Tps. 8, 9, and 10 S., R. 8 W.
- T. 11 S., R. 8 W.,
 secs. 1 to 34, inclusive;
 sec. 35, N $\frac{1}{2}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ SE $\frac{1}{4}$, and NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$;
 sec. 36, N $\frac{1}{2}$, N $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$,
 and SE $\frac{1}{4}$.
- T. 12 S., R. 8 W.,
 sec. 1, E $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, and SW $\frac{1}{4}$ SE $\frac{1}{4}$;
 sec. 2, W $\frac{1}{2}$ E $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 secs. 3 to 36, inclusive.
- T. 13 S., R. 8 W.,
 secs. 1 to 14, inclusive;
 sec. 15, N $\frac{1}{2}$, SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, and N $\frac{1}{2}$ S $\frac{1}{2}$ SE $\frac{1}{4}$;
 secs. 16 to 21, inclusive;
 sec. 22, S $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and SE $\frac{1}{4}$;
 secs. 23 to 36, inclusive.
- Tps. 14, 15, and 16 S., R. 8 W.
- T. 1 S., R. 9 W.,
 secs. 4, 5, and 7;
 sec. 8, E $\frac{1}{2}$;
 sec. 9;
 secs. 16 to 36, inclusive.
- Tps. 2 to 5 S., R. 9 W.
- T. 6 S., R. 9 W.,
 those portions of secs. 1 to 4, inclusive;
 sec. 5, NE $\frac{1}{4}$, E $\frac{1}{2}$ W $\frac{1}{2}$, and SE $\frac{1}{4}$;
 sec. 6, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and W $\frac{1}{2}$ SE $\frac{1}{4}$;
 secs. 7 to 28, inclusive;
 sec. 29, NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
 secs. 30 to 36, inclusive, lying outside of Historical
 Place Trail F-22848.
- T. 7 S., R. 9 W.,
 secs. 1 to 6, inclusive;
 sec. 7, N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
 secs. 8 to 17, inclusive;
 sec. 18, NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, and S $\frac{1}{2}$;
 secs. 19 to 36, inclusive.
- Tps. 8 and 9 S., R. 9 W.
- T. 10 S., R. 9 W.,
 secs. 1 to 30, inclusive; and secs. 32 to 36, inclusive.
- T. 11 S., R. 9 W.,
 secs. 1 to 5, inclusive;
 secs. 8 and 9;
 sec. 10, N $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, and S $\frac{1}{2}$ SE $\frac{1}{4}$;
 secs. 11 to 36, inclusive.
- T. 12 S., R. 9 W.

- T. 13 S., R. 9 W.,
secs. 1 to 26, inclusive;
sec. 27, N $\frac{1}{2}$ and SW $\frac{1}{4}$;
secs. 28 to 36, inclusive.
- T. 14 S., R. 9 W.,
secs. 1 to 17, inclusive;
sec. 18, NE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and SE $\frac{1}{4}$;
sec. 19 to 36, inclusive.
- T. 15 S., R. 9 W.,
secs. 1 to 25, inclusive;
sec. 26, N $\frac{1}{2}$, SW $\frac{1}{4}$, and N $\frac{1}{2}$ SE $\frac{1}{4}$;
secs. 27 to 34, inclusive;
sec. 35, E $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 36.
- Tps. 4 and 6 S., R. 10 W.
- T. 8 S., R. 10 W.,
secs. 1 and 2;
sec. 3, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
secs. 6 to 36, inclusive.
- T. 9 S., R. 10 W.
- T. 10 S., R. 10 W.,
secs. 1 to 15, inclusive;
sec. 16, N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 17, N $\frac{1}{2}$, SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, and SW $\frac{1}{4}$ SE $\frac{1}{4}$;
secs. 18 and 19;
sec. 20, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and SE $\frac{1}{4}$;
sec. 21, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, and S $\frac{1}{2}$;
secs. 22 to 34, inclusive.
- T. 11 S., R. 10 W.,
secs. 3 to 6, inclusive;
sec. 7, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, and S $\frac{1}{2}$;
sec. 8, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, and S $\frac{1}{2}$;
secs. 9 and 10;
secs. 13 to 36, inclusive.
- T. 12 S., R. 10 W.,
secs. 1 to 34, inclusive;
sec. 35, N $\frac{1}{2}$ and SW $\frac{1}{4}$;
sec. 36.
- T. 13 S., R. 10 W.,
sec. 1, NE $\frac{1}{4}$, E $\frac{1}{2}$ W $\frac{1}{2}$, and SE $\frac{1}{4}$;
sec. 2, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and W $\frac{1}{2}$ SE $\frac{1}{4}$;
secs. 3 to 36, inclusive.
- Tps. 14 and 15 S., R. 10 W.
- T. 5 S., R. 11 W.,
secs. 1 and 2; secs. 11 to 14, inclusive; and secs. 24, 25,
and 36.
- T. 7 S., R. 11 W.,
secs. 1, 2, and 3; secs. 9 to 17, inclusive; and secs. 19
to 29, inclusive.

- T. 9 S., R. 11 W.,
 sec. 1;
 secs. 2 and 11, fractional;
 sec. 12, N $\frac{1}{2}$, fractional;
 sec. 13, fractional;
 sec. 25, E $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, and NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, fractional;
 sec. 36, E $\frac{1}{2}$, E $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$,
 and SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, fractional.
- T. 10 S., R. 11 W.,
 secs. 1, 12, 13, and 23, fractional;
 secs. 24, 25, and 26;
 secs. 27, 28, 32, and 33, fractional;
 secs. 34, 35, and 36.
- T. 11 S., R. 11 W.,
 secs. 31 to 36, inclusive, surveyed.
- T. 13 S., R. 11 W.,
 secs. 19 to 36, inclusive, surveyed.
- T. 15 S., R. 11 W.,
 secs. 1 to 5, inclusive; secs. 8 to 17, inclusive; secs. 20
 to 29, inclusive; and secs. 32 to 36, inclusive, surveyed.

The areas described aggregate approximately 1,627,573 acres.

d. Bendeleben Mountains Subunit

(1) Bendeleben

Kateel River Meridian

- T. 2 N., R. 27 W.,
 sec. 5, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
 secs. 6, 7, and 8;
 sec. 9, S $\frac{1}{2}$;
 sec. 10, S $\frac{1}{2}$;
 sec. 11, SW $\frac{1}{4}$;
 sec. 14, W $\frac{1}{2}$;
 secs. 15 to 22, inclusive;
 sec. 23, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
 secs. 25 to 36, inclusive.
- T. 3 N., R. 27 W.,
 sec. 7, SW $\frac{1}{4}$;
 sec. 18, NW $\frac{1}{4}$;
 sec. 31, SW $\frac{1}{4}$.

- T. 4 N., R. 27 W.,
 sec. 4, $W\frac{1}{2}$;
 sec. 5, $NE\frac{1}{4}$ and $S\frac{1}{2}$;
 sec. 6, $W\frac{1}{2}$ and $SE\frac{1}{4}$;
 secs. 7, 8, and 9;
 sec. 10, $S\frac{1}{2}$;
 sec. 11, $NE\frac{1}{4}$ and $S\frac{1}{2}$;
 secs. 14 to 21, inclusive;
 sec. 22, $N\frac{1}{2}$;
 sec. 23, $N\frac{1}{2}$;
 secs. 29, 30, and 31;
 sec. 32, $N\frac{1}{2}$.
- T. 5 S., R. 13 W.,
 secs. 4 to 12, inclusive; secs. 14 to 23, inclusive; secs. 28,
 29, 30, 35, and 36.
- T. 7 S., R. 13 W.,
 secs. 2 to 10, inclusive; secs. 15 to 20, inclusive; and
 secs. 29, 30, and 31.
- T. 3 S., R. 14 W.,
 secs. 1 to 18, inclusive; and secs. 20 to 25, inclusive.
- T. 4 S., R. 14 W.,
 sec. 19; and secs. 27 to 36, inclusive.
- T. 6 S., R. 14 W.,
 secs. 1, 2, and 3;
 secs. 4, 5, 6, and 9, fractional;
 secs. 10 to 15, inclusive;
 secs. 16 and 21, fractional;
 secs. 22 to 27, inclusive;
 secs. 28 and 33, fractional;
 secs. 34, 35, and 36.
- T. 7 S., R. 14 W.,
 secs. 1, 2, and 3;
 secs. 4 and 9, fractional;
 secs. 10 to 15, inclusive;
 secs. 16 and 21, fractional;
 secs. 22 to 27, inclusive;
 secs. 28 and 33, fractional;
 secs. 34, 35, and 36.
- T. 8 S., R. 14 W.,
 secs. 1, 2, and 3;
 secs. 4 and 9, fractional;
 secs. 10, 11, 12, 14, and 15;
 secs. 16 and 21, fractional;
 secs. 22, 23, and 24;
 secs. 25 and 26, fractional;
 sec. 27, $N\frac{1}{2}$ and $N\frac{1}{2}S\frac{1}{2}$;
 sec. 28, $N\frac{1}{2}$ and $N\frac{1}{2}S\frac{1}{2}$, fractional.
- T. 3 S., R. 15 W.,
 secs. 1 to 6, inclusive; and secs. 10 to 12, inclusive.
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- T. 4 S., R. 15 W.,
secs. 7 and 8; and secs. 16 to 36, inclusive.
- T. 5 S., R. 15 W.
- T. 6 S., R. 15 W.,
secs. 1 to 4, inclusive, fractional;
secs. 5, 6, and 7;
secs. 8, 9, 17, 18, and 19, fractional.
- T. 3 S., R. 16 W.,
secs. 19, 30, and 31.
- T. 4 S., R. 16 W.,
secs. 6 to 36, inclusive.
- T. 5 S., R. 16 W.
- T. 6 S., R. 16 W.,
secs. 1 to 23, inclusive;
secs. 24 to 27, inclusive, fractional;
secs. 28 to 32, inclusive;
secs. 33 and 34, fractional.
- T. 7 S., R. 16 W.,
secs. 4 and 5, fractional; sec. 6; and
secs. 7 and 8, fractional.
- Tps. 3 and 4 S., R. 17 W.
- T. 5 S., R. 17 W.,
secs. 1 to 27, inclusive;
sec. 28, NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 29, N $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, and SE $\frac{1}{4}$ SE $\frac{1}{4}$;
secs. 30 to 36, inclusive.
- T. 6 S., R. 17 W.
- T. 7 S., R. 17 W.,
secs. 1 to 7, inclusive;
sec. 8, W $\frac{1}{2}$;
sec. 9, E $\frac{1}{2}$;
secs. 10, 11, and 12;
secs. 13 and 14, fractional;
secs. 15 to 21, inclusive;
secs. 22, 23, 27, and 28, fractional;
secs. 29 and 30;
secs. 31, 32, and 33, fractional.
- T. 8 S., R. 17 W.,
sec. 6, fractional.
- T. 3 S., R. 18 W.,
secs. 1 to 24, inclusive;
sec. 25, N $\frac{1}{2}$;
secs. 26 to 35, inclusive;
sec. 36, S $\frac{1}{2}$.
- Tps. 4, 5, and 6 S., R. 18 W.
- T. 7 S., R. 18 W.,
Those portions of secs. 27, 28, 33, and 34, lying outside
Hot Springs Withdrawal (Public Land Order No. 399).

- T. 8 S., R. 18 W.,
 sec. 1, fractional;
 secs. 2, 3, and 10;
 secs. 11, 12, 14, 15, 16, and 21, fractional.
- T. 2 S., R. 19 W.,
 secs. 6 to 9, inclusive; and secs. 13 to 36, inclusive.
- Tps. 3 to 7 S., R. 19 W.
- T. 2 S., R. 20 W.,
 secs. 1, 2, and 3; secs. 10 to 15, inclusive; secs. 22
 to 27, inclusive; those portions of secs. 32 and 33 lying
 outside the Bering Land Bridge National Preserve; and
 secs. 34, 35, and 36.
- T. 3 S., R. 20 W.,
 secs. 1 to 4, inclusive; those portions of secs. 5 and 6 lying
 outside the Bering Land Bridge National Preserve; and
 secs. 7 to 36, inclusive.
- T. 4 S., R. 20 W.,
 secs. 1 to 8, inclusive;
 sec. 9, $W\frac{1}{2}$;
 secs. 10 to 15, inclusive;
 secs. 22 to 27, inclusive;
 secs. 34, 35, and 36.
- T. 5 S., R. 20 W.,
 secs. 1 to 4, inclusive;
 sec. 9, $N\frac{1}{2}$;
 secs. 10 to 16, inclusive;
 sec. 22, $NE\frac{1}{4}NW\frac{1}{4}$ and $W\frac{1}{2}NW\frac{1}{4}$;
 sec. 23, $E\frac{1}{2}E\frac{1}{2}$;
 secs. 24, 25, 26, 35, and 36.
- T. 6 S., R. 20 W.,
 secs. 1 and 2; secs. 11 to 14, inclusive; secs. 22 to 27,
 inclusive; and secs. 34, 35, and 36.
- T. 7 S., R. 20 W.,
 secs. 1, 2, and 3;
 secs. 10 to 15, inclusive;
 secs. 21 to 25, inclusive;
 sec. 26, $E\frac{1}{2}$;
 sec. 27, $W\frac{1}{2}$;
 secs. 34, 35, and 36.
- T. 8 S., R. 20 W.,
 secs. 1, 2, 7, and 11;
 sec. 12, $N\frac{1}{2}$ and $SE\frac{1}{4}$;
 secs. 13 and 14;
 sec. 18, $N\frac{1}{2}$ and $SE\frac{1}{4}$;
 sec. 19;
 secs. 23 to 27, inclusive;
 secs. 30 to 36, inclusive.

- T. 2 S., R. 21 W.,
that portion of sec. 18 lying outside the Bering Land Bridge National Preserve; sec. 19; those portions of secs. 20, 27, 28, and 29 lying outside the Bering Land Bridge National Preserve; secs. 30 to 33, inclusive; and those portions of secs. 34, 35, and 36 lying outside the Bering Land Bridge National Preserve.
- T. 3 S., R. 21 W.,
secs. 1 to 22, inclusive;
sec. 24, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
sec. 25;
secs. 27 to 34, inclusive;
sec. 36.
- T. 4 S., R. 21 W.,
secs. 4, 5, and 6.
- T. 7 S., R. 21 W.,
secs. 12 to 20, inclusive; secs. 17 and 18; secs. 23 to 26, inclusive; secs. 30, 31, 32, 35, and 36.
- T. 8 S., R. 21 W.,
secs. 1 to 9, inclusive; and secs. 11 to 36, inclusive.
- T. 2 S., R. 22 W.,
those portions of secs. 3 to 6, inclusive, lying outside the Bering Land Bridge National Preserve; secs. 7, 8, and 9; those portions of secs. 10, 11, and 13 lying outside the Bering Land Bridge National Preserve; and secs. 14 to 36, inclusive.
- T. 3 S., R. 22 W.,
secs. 1 to 20, inclusive;
sec. 21, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
secs. 22 to 25, inclusive;
secs. 28 to 33, inclusive;
sec. 36.
- T. 4 S., R. 22 W.,
secs. 3 to 6, inclusive.
- T. 6 S., R. 22 W.,
secs. 17 to 20, inclusive;
sec. 29, N $\frac{1}{2}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$;
secs. 30 and 31;
sec. 32, S $\frac{1}{2}$;
secs. 33, 34, and 35.
- T. 2 S., R. 23 W.,
those portions of secs. 1, 3, 4, 5, and 6 lying outside the Bering Land Bridge National Preserve; secs. 7, 8, and 9; those portions of secs. 10 and 11 lying outside the Bering Land Bridge National Preserve; and secs. 12 to 36, inclusive.

- T. 3 S., R. 23 W.,
 secs. 1 to 10, inclusive;
 sec. 11, N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
 secs. 12 and 13;
 sec. 14, NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, and S $\frac{1}{2}$;
 secs. 15 to 22, inclusive;
 secs. 24 and 25;
 secs. 27 to 34, inclusive;
 sec. 36.
- T. 4 S., R. 23 W.,
 secs. 4, 6, and 7.
- T. 2 S., R. 24 W.,
 those portions of secs. 1, 2, 3, 4, 9, and 10 lying outside
 the Bering Land Bridge National Preserve; secs. 11 to 15,
 inclusive; those portions of secs. 16, 17, 19, 20, and 21
 lying outside the Bering Land Bridge National Preserve;
 secs. 22 to 29, inclusive; that portion of sec. 30 lying
 outside the Bering Land Bridge National Preserve; and
 secs. 31 to 36, inclusive.
- T. 3 S., R. 24 W.
- T. 4 S., R. 24 W.,
 secs. 1 to 18, inclusive;
 sec. 19, NE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, and SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 sec. 20, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
 secs. 29 to 32, inclusive.
- T. 2 S., R. 25 W.,
 those portions of secs. 19, 25, 30, 31, 32, 35, and 36 lying
 outside the Bering Land Bridge National Preserve.
- T. 3 S., R. 25 W.,
 sec. 1; those portions of secs. 2, 3, and 5 lying outside
 the Bering Land Bridge National Preserve; secs. 6 and 7;
 those portions of secs. 8, 9, and 10 lying outside the
 Bering Land Bridge National Preserve; and secs. 11 to 36,
 inclusive.
- T. 4 S., R. 25 W.,
 sec. 1, N $\frac{1}{2}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
 secs. 2 to 36, inclusive.
- T. 2 S., R. 26 W.,
 that portion of sec. 13 lying outside the Bering Land
 Bridge National Preserve; secs. 14 to 17, inclusive;
 secs. 20 to 23, inclusive; that portion of sec. 24 lying
 outside the Bering Land Bridge National Preserve; secs. 25
 to 29, inclusive; and secs. 32 to 36, inclusive.
- T. 3 S., R. 26 W.,
 secs. 1 to 30, inclusive;
 sec. 31, N $\frac{1}{2}$;
 secs. 32 to 36, inclusive.
- T. 4 S., R. 26 W.,
 secs. 1 to 5, inclusive; and secs. 7 to 36, inclusive.

- T. 2 S., R. 27 W.,
secs. 31 and 32.
- T. 3 S., R. 27 W.,
secs. 1 to 35, inclusive;
sec. 36, N $\frac{1}{2}$.
- T. 4 S., R. 27 W.,
secs. 2 to 6, inclusive;
sec. 7, E $\frac{1}{2}$;
secs. 8 to 17, inclusive;
sec. 18, E $\frac{1}{2}$;
sec. 19, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
secs. 20 to 36, inclusive.
- T. 2 S., R. 28 W.,
sec. 36.
- T. 3 S., R. 28 W.,
secs. 1, 12, and 13; and secs. 18 to 36, inclusive.
- T. 4 S., R. 28 W.,
secs. 1 to 10, inclusive;
sec. 11, W $\frac{1}{2}$;
sec. 14, W $\frac{1}{2}$;
secs. 15 to 22, inclusive;
sec. 23, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
sec. 24, S $\frac{1}{2}$;
secs. 25 to 36, inclusive.

The areas described aggregate approximately 950,374 acres.

(2) Kuzitrin River Basin

Kateel River Meridian

- T. 1 N., R. 27 W.,
secs. 1 to 22, inclusive; and secs. 24 to 36, inclusive.
- T. 1 S., R. 26 W.,
those portions of secs. 18, 19, 20, 21, 28, and 29 lying
outside the Bering Land Bridge National Preserve; secs. 30
to 33, inclusive; and that portion of sec. 34 lying
outside the Bering Land Bridge National Preserve.
- T. 2 S., R. 26 W.,
that portion of sec. 2 lying outside the Bering Land
Bridge National Preserve; secs. 3 to 10, inclusive; those
portions of secs. 11 and 12 lying outside the Bering Land
Bridge National Preserve; and secs. 18, 19, 30, and 31.

- T. 1 S., R. 27 W.,
 that portion of sec. 2 lying outside the Bering Land
 Bridge National Preserve;
 secs. 3 to 10, inclusive;
 sec. 11, N $\frac{1}{2}$ and SW $\frac{1}{4}$;
 those portions of the NW $\frac{1}{4}$ and the SE $\frac{1}{4}$ of sec. 12 lying
 outside the Bering Land Bridge National Preserve;
 sec. 13, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
 sec. 14, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
 secs. 15 to 18, inclusive;
 sec. 19, N $\frac{1}{2}$ and SW $\frac{1}{4}$;
 sec. 20, N $\frac{1}{2}$;
 sec. 21;
 sec. 22, N $\frac{1}{2}$ and N $\frac{1}{2}$ S $\frac{1}{2}$;
 secs. 23 to 26, inclusive;
 sec. 28;
 sec. 29, S $\frac{1}{2}$;
 sec. 30, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
 sec. 31, N $\frac{1}{2}$ and SE $\frac{1}{4}$;
 secs. 32 to 36, inclusive.
- T. 2 S., R. 27 W.,
 secs. 1 to 5, inclusive;
 sec. 6, NE $\frac{1}{4}$ and S $\frac{1}{2}$;
 secs. 7 to 30, inclusive;
 secs. 33 to 36, inclusive.
- T. 1 S., R. 28 W.,
 secs. 1 to 35, inclusive;
 sec. 36, N $\frac{1}{2}$ and SW $\frac{1}{4}$.
- T. 2 S., R. 28 W.,
 sec. 1, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
 secs. 2 to 5, inclusive;
 sec. 7, S $\frac{1}{2}$;
 secs. 8 to 11, inclusive;
 secs. 13 to 30, inclusive;
 secs. 32 to 35, inclusive.
- T. 3 S., R. 28 W.,
 secs. 2 to 11, inclusive; and secs. 14 to 17, inclusive.

The areas described aggregate approximately 128,245 acres.

(3) McCarthy's Marsh

Kateel River Meridian

- T. 4 S., R. 20 W.,
 secs. 16 to 21, inclusive;
 secs. 28 and 29;
 sec. 30, N $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, and E $\frac{1}{2}$ SE $\frac{1}{4}$;
 secs. 31, 32, and 33.

- T. 5 S., R. 20 W.,
secs. 5 to 8, inclusive;
secs. 17 to 21, inclusive;
secs. 27 to 34, inclusive.
- T. 6 S., R. 20 W.,
secs. 3 to 10, inclusive; secs. 15 to 22, inclusive; and
secs. 28 to 33, inclusive.
- T. 7 S., R. 20 W.,
secs. 4 and 5;
sec. 6, N $\frac{1}{2}$;
secs. 7, 8, and 9;
secs. 16 to 20, inclusive;
secs. 29 to 33, inclusive.
- T. 8 S., R. 20 W.,
secs. 3 to 6, inclusive; secs. 8, 9, 10, 15, 16, 17,
20, 21, 22, 28, and 29.
- T. 4 S., R. 21 W.,
secs. 7 to 36, inclusive.
- T. 5 S., R. 21 W.
- T. 6 S., R. 21 W.,
secs. 1 to 8, inclusive;
sec. 9, N $\frac{1}{2}$ and N $\frac{1}{2}$ SE $\frac{1}{4}$;
secs. 10 to 15, inclusive;
sec. 16, S $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and SE $\frac{1}{4}$;
secs. 17 to 36, inclusive.
- T. 7 S., R. 21 W.,
secs. 1 to 11, inclusive; secs. 15 and 16; secs. 19 to 22,
inclusive; and secs. 27, 28, 29, 33, and 34.
- T. 3 S., R. 22 W.,
secs. 26, 27, 34, and 35.
- T. 4 S., R. 22 W.,
secs. 1 and 2; and secs. 7 to 36, inclusive.
- T. 5 S., R. 22 W.
- T. 6 S., R. 22 W.,
secs. 1 to 14, inclusive;
sec. 15, NW $\frac{1}{4}$ and S $\frac{1}{2}$;
sec. 16;
secs. 21 to 27, inclusive;
sec. 28, N $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 36.
- T. 3 S., R. 23 W.,
secs. 23, 26, and 35.
- T. 4 S., R. 23 W.,
secs. 1, 2, 3, and 5; and secs. 8 to 36, inclusive.
- T. 4 S., R. 24 W.,
secs. 21 to 28, inclusive; and secs. 33 to 36, inclusive.

The areas described aggregate approximately 222,131 acres.

e. Imuruk Subunit

Imuruk

Kateel River Meridian

- T. 1 S., R. 31 W.,
 secs. 1 to 5, inclusive;
 sec. 6, N $\frac{1}{2}$ and SW $\frac{1}{4}$;
 sec. 7, W $\frac{1}{2}$;
 secs. 9 to 16, inclusive;
 sec. 17, E $\frac{1}{2}$;
 sec. 18, W $\frac{1}{2}$;
 secs. 19 to 36, inclusive.
- T. 3 S., R. 31 W.,
 secs. 1 to 18, inclusive; and secs. 22, 23, 24, and 26.
- Tps. 1 and 2 S., R. 32 W.
- T. 1 S., R. 33 W.
- Tps. 1 and 2 S., R. 34 W.
- T. 3 S., R. 34 W.,
 secs. 1 to 14, inclusive;
 sec. 15, N $\frac{1}{2}$;
 secs. 16 to 19, inclusive;
 secs. 22, 23, and 24.
- T. 1 S., R. 35 W.,
 secs. 1 to 11, inclusive;
 sec. 12, E $\frac{1}{2}$;
 secs. 13 to 36, inclusive.
- T. 3 S., R. 35 W., surveyed,
 Sec. 1;
 Sec. 2, NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, and S $\frac{1}{2}$;
 Sec. 3, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, and SE $\frac{1}{4}$;
 Secs. 4 to 12, inclusive;
 Secs. 14 to 18, inclusive.

The areas described aggregate approximately 195,932 acres.

The total areas described in paragraph 1 aggregate approximately
 5,697,148 acres.

2. At 8 a.m. on NOV 9 1983, the lands described in
 paragraphs 1c(2) and 1d(1) will be opened to sale or lease pursuant to
 Section 203 and 302 of FLPMA, 43 U.S.C. 1713, 1732.

3. At 8 a.m. on NOV 9 1983, the lands described in paragraphs 1a(1), 1a(2), 1b(1), 1b(2), 1c(2), 1d(1), 1d(2), 1d(3), and 1e, will be opened to applications and offers under the mineral leasing laws. In accordance with the provisions of 43 CFR 3112.1-1(b), all lands opened by this paragraph to oil and gas lease offers will be subject to the filing of over-the-counter offers under 43 CFR Subpart 3111. Any offers to lease received during the 15-day period, from 8 a.m. on NOV 9 1983, to 4:15 p.m. on NOV 25 1983, will be considered to be filed at the same time, 4:15 p.m. on NOV 25 1983. Noncompetitive offers to lease which are filed after that time and date will be processed and governed by the specific time and date they are received. The filing fee and advance rental required for any filings pursuant to the mineral leasing laws must be remitted at the time of filing in accordance with regulations found in Title 43 CFR Subchapter C (including 43 CFR 3103). Priority will be given to any properly filed oil and gas offer to lease which has been suspended pending reopening of the lands to leasing.

4. At 8 a.m. on NOV 9 1983, the lands described in paragraph 1, will be opened to location and entry under the United States mining laws. Appropriation of lands under the general mining laws prior to the date and time of restoration is unauthorized. Any such attempted appropriation, including attempted adverse possession under 30 U.S.C. Section 38, shall vest no rights against the United States. Acts required to establish a location and to initiate a right of possession are governed by State law where not in conflict with Federal law. The Bureau of Land Management will not intervene in disputes between rival locators over possessory rights since Congress has provided for such determinations in local courts.

5. At 8 a.m. on NOV 9 1983, those portions of sections 27, 28, 33, and 34, T. 7 S., R. 18 W., Kateel River Meridian, which are included in the Hot Springs Withdrawal by Public Land Order No. 399 of August 20, 1947, will be opened to applications and offers under the mineral leasing laws, and to lease pursuant to Section 302 of FLPMA, 43 U.S.C. 1732. The lands remain withdrawn from settlement, sale, location, or entry under the public land laws, including the mining laws, pursuant to Public Land Order No. 399.

6. The following described lands will remain withdrawn from sale or lease pursuant to Sections 203 and 302 of FLPMA and surface occupancy will not be allowed on any of those lands leased pursuant to the mineral leasing laws:

(a) The Pah River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Pah River within T. 13 N., R. 13 W., Kateel River Meridian.

(b) The Noatak River along with those portions of land lying within the bed and 300 feet upland west of the ordinary high waterline of the right bank of the Noatak River.

(c) The Shaktolik River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Shaktolik River from the junction of Shovel Creek and Anakeksik Creek in sec. 4, T. 13 S., R. 9 W., Kateel River Meridian, downstream to the junction of Anakeksik Creek and the Shaktolik River and from the junction of Kingmetolik Creek and the Shaktolik River in sec. 23, T. 9 S., R. 8 W., Kateel River Meridian, downstream to the western boundary of the Selawik-Nulato Hills Subunit.

(d) The Ungalik River along with those portions of land lying within the bed and upland 300 feet of the ordinary high waterline of the Ungalik River from its junction with an unnamed stream in sec. 31, T. 6 S.,

R. 6 W., Kateel River Meridian, downstream to the western boundary of the Selawik-Nulato Hills Subunit.

(e) The Inglutalik River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Inglutalik River from its junction with the Nigikmigoon River in sec. 3, T. 5 S., R. 9 W., Kateel River Meridian, downstream to the western boundary of the Selawik-Nulato Hills Subunit.

(f) The Tubutulik River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Tubutulik River from its junction with Granite Creek in sec. 33, T. 3 S., R. 18 W., Kateel River Meridian, downstream to the southern boundary of the Bendeleben Subunit.

(g) The main channel of the Kuzitrin River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Kuzitrin River throughout its entire length within the Bendeleben Mountains Subunit.

(h) The Fish River along with those portions of land lying within the bed and 300 feet upland of the ordinary high waterline of the Fish River from its junction with Wagon Wheel Creek in sec. 11, T. 4 S., R. 22 W., Kateel River Meridian, downstream to the southern boundary of the Bendeleben Mountains Subunit.

The areas described aggregate approximately 23,840 acres.

7. No lands are opened by this order which are (1) within the boundaries of those segments of the Squirrel and Koyuk Rivers designated for study for possible inclusion into the Wild and Scenic Rivers System pursuant to Section 604 of the Alaska National Interest Lands Conservation Act of December 2, 1980, Public Law 96-487 (hereinafter, ANILCA) (94 Stat. 2415), or

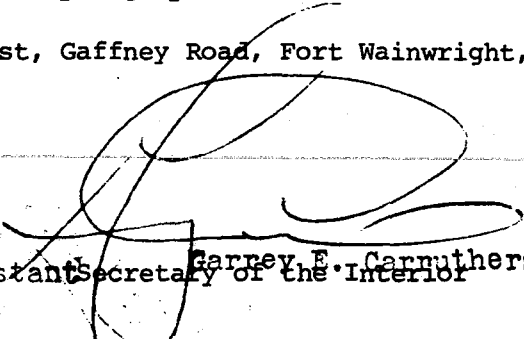
(2) within the Bering Land Bridge National Preserve as established pursuant to Subsection 201(2) of ANILCA (94 Stat. 2378), or (3) within the Cape Krusenstern National Monument as established pursuant to Subsection 201(3) of ANILCA (94 Stat. 2378), or (4) within the Kobuk Valley National Park as established pursuant to Subsection 201(6) of ANILCA (94 Stat. 2380), or (5) within the Noatak National Preserve as established by Subsection 201(8)(a) of ANILCA (94 Stat. 2380), or (6) within the Noatak Wilderness as designated by Subsection 701(7) of ANILCA (94 Stat. 2417), or (7) within the Koyukuk National Wildlife Refuge as established by Subsection 301(5) of ANILCA (94 Stat. 2386), or (8) within the Alaska Maritime National Wildlife Refuge-Chukchi Sea Unit as designated by Subsection 303(1) of ANILCA (94 Stat. 2389), or (9), the subject of prior withdrawals or appropriations still in effect.

8. The lands opened by this order continue to be subject to the authority of the Secretary to make contracts and to grant leases, permits, rights-of-way, or easements. The State of Alaska has been afforded full opportunity to exercise its preference right of selection on all lands described herein which were withdrawn under Public Land Order Nos. 5170, 5179, 5180, and 5184, as amended, modified, or corrected. The lands in Public Land Order No. 399 remain withdrawn from State Selection.

Inquiries concerning the lands in paragraphs 3, 4, and 5 should be addressed to the Alaska State Office, Post Office Box 70, Anchorage, Alaska 99513.

Inquiries concerning the lands in paragraph 2 should be addressed to the Fairbanks District Office, North Post, Gaffney Road, Fort Wainwright, Box 1150, Fairbanks, Alaska 99707.

SEP 29 1983


Assistant Secretary of the Interior